Centennial FDOT 1915 ★ 2015

Florida Department of Transportation

RICK SCOTT
GOVERNOR

1074 Hwy 90
Chipley, Florida 32428

JIM BOXOLD
SECRETARY

October 29, 2015

ADDENDUM NO. 1

To: ALL PLANS AND/OR PROPOSAL HOLDERS

FINANCIAL ITEM NUMBER: 42548445201
CONTRACT NUMBER: E3P13 (FCO)
DESCRIPTION: The work performed under this contract includes replacement of chiller unit in Administration Building in Washington County.

BIDS TO BE RECEIVED: November 12, 2015

If you are a PLANS and/or PROPOSAL HOLDER, this is your authorization to make the following changes to the plans package you now have for the subject project:

Please use the following clarifications when bidding on the above referenced project:

1. A project sign will be required by the Contractor per bid documents
2. No Mobile office will be required for this project
3. A temporary toilet will need to be provided by the Contractor
4. Any temporary lighting will need to be provided by the Contractor
5. Temporary construction staging area will be provide by the owner
6. Temporary water/electricity will be provided by the owner
7. Successful Contractor to supply 5.5 year parts and labor warranty not 10 year as originally specified (See attached revised scope of services)
8. Test and Balance not required
9. Contractor needs to be a Florida HVAC Licensed Contractor
10. Owner will provide one crane to unload new chiller, if additional cranes are needed they will be provided by the Contractor

Sealed bids will be received until 2:00 p.m. local time on November 12, 2015 in the District Three Procurement Services Conference Room, Room 230, Administration Building, 1074 Highway 90, Chipley, Florida.

Please use this revision when preparing your bid.

AMENDMENT NOTIFICATION

If you are a PROPOSAL HOLDER, please acknowledge receipt of the addendum under the Acknowledgement of Addenda section of your bid proposal.

Sincerely,

Richard Norris

Richard Norris
District Contracts Administrator
RN:am

c.c. Chris Kneiss, Heath Riley, file

Exhibit "A"
Scope of Services

Florida Department of Transportation
District Three
Chipley Administration Building Chiller Replacement
Contract Number: E3P13
FM Number: 42548445201

Introduction

The Florida Department of Transportation, hereinafter called the Department, requires the services of a contractor to perform Chiller replacement and related renovations for our Chipley Administration Building. The Chiller Replacement will be funded as a District Three Fixed Capital Outlay (FCO) project. Replacements shall be commercial quality same or equal to requested Carrier model # and sizes listed below. This project consist of Chiller replacement including preparation of permit applications and any other services necessary for a complete working Chiller system with the requirements of the Department as described below.

Special Notes

The Chipley Administration Building will be fully occupied from 6:00 AM to 5:00 PM Monday through Friday. Our aim is to replace this system with as little disruption to the workforce as possible. Weekend and after hour work will be required and should be figured in your bid as necessary.

The new 120 Ton Air-Cooled Scroll Chiller will be located immediately adjacent to the existing 100 Ton Chiller. The existing 100 Ton Chiller will be used as an emergency backup Chiller. The new 120 Ton Air-Cooled Scroll Chiller will be the primary Chiller and will be tied into existing piping/electrical/controls as necessary for a full and functioning system as described below. The existing 100 Ton Chiller will need to be designed for immediate emergency use if necessary.

Included in bid will be new second floor AHU fan motor replacement labor. Owner to supply new motor.

Included in bid will be new second floor AHU Blower Shaft bearings replacement labor. Owner to supply new bearings.

Included in bid will be new first floor AHU Blower Shaft bearings replacement labor. Owner to supply

New bearings.

Included in bid will be new AHU fan motor belts for both first and second floor motors. Included in bid will be new TACO 10 HP chilled water pump to match existing system/pump. This will be located immediately next to the existing to provide redundancy in the case of existing pump failure. The new pump will alternate with existing pump weekly.

New 120 Ton Air-Cooled Scroll Chiller to use R 4-10A type refrigerant.

A 5.5 year complete unit parts and labor extended warranty will be included in bid.

A 5 year quarterly preventative maintenance service agreement will be included for the new 100 Ton Air-Cooled Scroll Chiller and the existing 100 Ton Chiller and two existing air handlers.

Work Description

Install (1) Carrier 120 Ton Air-Cooled Scroll Chiller in parallel to our existing Carrier 100 Ton Air-Cooled Scroll Chiller with related work for a complete and working system as detailed below.

Equipment

(1) Carrier 120 Ton Air-Cooled Scroll Chiller rated @ 208-230/3, including Factory Installed:
- Freeze Protection
- Suction Line Insulation
- Non-Fused Disconnect
- Energy Management Module
- Micro Channel, E-Coated Condenser Coil for enhanced Corrosion Protection
- Low Sound Option
- Low Ambient Heat Pressure Controls
- Minimum Load Control (Hot Gas Bypass)
- Single Point Power Entry
- BACnet Communication Interface
- Coil Trim Panels, Grilles, & Full End Screens
- Convenience Outlet
- *Start-Up by Carrier Factory Technician*
- *5.5 Year Complete Unit Parts & Labor Extended Warranty (Labor to be supplied by Carrier Factory Technicians)*

(1) TACO 10 HP Chilled Water Pump selected to match existing system/pump requirements, rated @ 208-230/3
- Inertia Mounting Base to match existing Pump
- Pump Motor Starter
- Strainer
- Pump Motor Disconnect
- New Pump to serve new chiller and provide redundancy in the case of existing pump failure
- 1 Year Pump Parts Only Warranty

Controls

Supply the labor and materials necessary to integrate the above equipment into our existing Automated Logic Building Automation Controls System, including:
- Communication Wiring from existing Control Panel to new Chiller Controller
- (2) Immersion Sensors and Wiring from Sensors to new Chiller Controller
- Control Wiring from new Pump to new Chiller for Start/Stop and Pump Status
- Low Voltage Control System Wiring and Conduit (Wiring shall be plenum rated cable installed in accessible non-exposed areas and shall be installed in EMT Conduit in exposed areas.)
- *Start-Up by Automated Logic Factory Authorized Technician*

Equipment Installation

Supply the labor and materials necessary to install the new Chiller and Pump, including:
•Pour new, 8' Wide x 20' Long x 4" Thick, Chiller Concrete Mounting Pad. New Pad to extend from existing side walk as to provide adequate Service Clearances per Carrier's specifications
•Set new Chiller on new Concrete Pad
•Install and Connect new Chilled Water Piping & Valves from new Chiller to existing piping
•Set new Pump, in upstairs Mechanical Room, on new Inertia Mounting Base
•Install and Connect new Chilled Water Piping from Pump to existing Chilled Water System
•Install new Chilled Water Piping Insulation to match existing Insulation
•Install new Chilled Water Piping Supports/Bracing to match existing

Electrical Installation

Supply the labor and materials necessary to install the Electrical, including:
•Wiring and Conduit from existing Electrical Panel to new Chiller (600 Amps)
•Install new (600 Amp) Automatic Generac Transfer Switch (This will allow the new Chiller to be Automatically switched to Generator Power in the event of a Power Outage)
•Wiring and Conduit from new Chiller to Existing Generac Generator (600 Amps)
•Wiring and Conduit from existing Electrical Panel to new Pump Motor Disconnect
•Wiring and Conduit from new Pump Motor Disconnect to new 10 HP Pump Motor

Project Management

Provide a dedicated Project Manager to oversee all aspects of this project and ensure compliance with Carrier's recommendations/specifications.

Clarifications

The Department to provide Crane/Rigging necessary to receive new Chiller and Set in place.
Contractor will be provided unrestricted access to all equipment areas.

General Notes

1. Contractor to supply all labor and material necessary for a complete and working system as detailed above.
2. Work area will be kept clean and neat throughout project.
3. All OSHA and safety requirements will be strictly adhered to.
4. Eric Pettis will be the Department's Project Manager.