



Florida Department of Transportation

RICK SCOTT
GOVERNOR

1109 S. Marion Avenue
Lake City, Florida 32025

OFFICE OF THE
SECRETARY

March 4, 2011

To: Plan Holders

**Addendum No: 1, E2P85, Financial Project #42557125201
HVAC Modifications – Jacksonville Maintenance Administration Building in Duval County**

Questions and Answers:

1. With regards to the Accutherm Thermafuser diffusers. Do you want these to be heating and cooling, or just heating, or just cooling? I would assume heating and cooling. **Answer: Heating and Cooling**

2. Item #5 of the specification states to Furnish and install motorized dampers for the three (3) ventilation air ducts; and time clock controls for the ventilation dampers and exhaust fans. During my investigation I did not find **any** ventilation ducts, I only found the exhaust duct for the two (2) restrooms. Normally the fresh air intake duct would be connected to the return side of each air handler, and each would have a motorized damper that would open during the air handler operation and would close when the air handler shut down.
 - a. Are we to install new ventilation ducts along with the motorized dampers to provide fresh air into the facility? **Answer: Yes, if required. Per our recently completed HVAC study, Air Handling Unit 1 (AHU-1) and AHU-2 have ventilation air ducted from individual roof vents to the top of their respective return air plenums.**
 - b. If so, what size of ducts do you want / need? Or do you want us to figure the size based on the ASHRAE fresh air CFM requirements for each person that works in the Facility? **Answer: Per our recently completed study the ventilation requirements are as follows: AHU-1, 220 CFM; AHU-2, 275 CFM; AHU-3, 140 CFM. The duct size for AHU-1 is 16"x16" and AHU-2 is 12"x12". Review of outside air ductwork sizes indicated that these ducts are sized adequately to meet required ventilation CFM. We did not locate a ventilation duct for AHU-3 so it will have to be furnished and installed. A 9"x9" duct should be sufficient.**
 - c. And where do you want the fresh air intakes to be located on the exterior of the facility? **Answer: Maintain existing connection to roof vents for AHU-1 and AHU-2. Install the new air intake for AHU-3 in west eave if possible, or install new roof vent to match existing roof vents.**

You must sign, date and fax a copy of this addendum back to me by close of business today to indicate receipt. A copy of this addendum must be returned with your bid.

Company Name

Signature

Date

Thanks,
Patsy Elkins, CPPB
Contracts Coordinator

Phone: 386-758-3703 Fax: 386-758-3791