

ADDENDUM NO. 2



*Operates the statewide
Turnpike System as
part of the Florida
Department of
Transportation*

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DATE: January 14, 2009
TO: PROSPECTIVE BIDDERS
FROM:  Richard M. Nethercote, Jr.,
District Contracts Administrator
Florida's Turnpike Enterprise
SUBJECT: **CONTRACT NO.:** E8J65
FINANCIAL PROJECT NO.: 190736-1-93-05
COUNTY(IES): Okeechobee, Osceola, Orange
and Sumter
PROJECT NAME: HVAC Improvements at
Service Plazas

BIDS TO BE RECEIVED: January 20, 2009 at 2:30 P.M Local Time.

Proposers and other interested parties are informed that the above referenced documents are hereby revised as set forth below:

GENERAL INFORMATION

The following are responses to questions presented:

Question 1: Need the following information for equipment suppliers. Canoe Creek - RTU-3,4,5,6,7 - Need tonnage or existing model number (only the compressor model is shown) Fort Drum - RTU-3 - Need tonnage or existing model number (only the compressor model is shown) Okahumpka - RTU-2,4,5,6,7 - Need tonnage or existing model number (no Model # is shown) RTU-8 - This unit is shown on the roof plan to be replaced but it is not on the schedule - if the unit is in fact to be replaced, the tonnage or existing model number are needed. Turkey Lake - RTU-4&7 - Need tonnage or existing model number (incomplete model number is shown) RTU-8 - This unit is shown on the roof plan and schedule to be replaced but have been told by another sales office that it will not be replaced. Please verify. Pompano Beach - CU-4 - Need tonnage or existing model number (no model number shown) West Palm Beach - RTU 6&7 - Need tonnage or existing model number (no model number shown) Fort Pierce - RTU- 1&2 - Need tonnage or existing model number (only the compressor model is shown) Please note: Compressor model Numbers are the same for a range of tonnages.

Response 1: See attached revised Appendix B – Roof Plans, Appendix C – Installation Details and Appendix D – Reference Schedules.

Question 2: As per page 1 of 31 #6 is the new equipment (AC units and fans) warranted by the current service provider at no cost to the installing contractor

Response 2: Refer to expanded specifications clarifying warranty requirements and coordination with concessionaire. See additional text under "Specification Revisions" for Appendix A- General Requirements, Part 1.00 – General, Item No. 6.

Question 3: Are we required to replace existing duct detectors? Is there a specific fire alarm company that must be used, if needed.

Response 3: The contractor is required to provide duct mounted smoke detectors and connections to the system components that are affected by demolition and HVAC replacement activities. Any duct mounted detector and components that are unaffected by the HVAC replacement activities will be left in place as stated in the General Requirements page 2 of 31 #13.

Question 4: On detail #5 Refrigerant Piping Roof Penetration, Can the electric conduit for the equipment use the same roof penetration as the refrigerant piping or does it have to have its own penetration and curb?

Response 4: The existing penetration may or may not be used depending on the code requirements, the local authority and the Florida Building Code is the determining factor. If the code allows the reuse of the existing penetration, the Turnpike has no issue as long as the penetration is properly sealed in accordance with detail #5.

Question 5: Please clarify or provide more detail for note #5 - "Contractor to repair / Refurbished any equipment that will remain in place to operate at 100% capacity".

Response 5: See expanded specification text under "Plan Revisions", Item B.

Question 6: After onsite visits some model #'s do not match what is on the equipment schedule. Should the equipment match the existing or the schedule?

Response 6: **See attached revised Appendix D – Reference Schedule.**

SPECIFICATION REVISIONS

THE FOLLOWING ARE MODIFICATIONS TO THE GENERAL REQUIREMENTS, INCLUDED IN THE CONTRACT AS APPENDIX – A.

A. Part 1.00 – General, Item No. 6 under Additional Scope Requirements is expanded as follows:

The contractor shall be required to negotiate a maintenance agreement to address any warranty equipment failures, and any associated cost of repairs for a period of one year from final acceptance.

During the one year warranty period the contractor shall be responsible for making payment to Del Air for any scheduled and/or emergency repairs that fall under the one year parts and labor warranty agreement located in the General Requirements Page 20 of 31 Warranty.

The contractor may choose to facilitate any non emergency needed maintenance repairs through other means. However the Turnpike concessionaire to expedite response time may choose to call out their existing maintenance contractor when immediate response is needed, the contractor shall be responsible for full compensation for the emergency call out.

The following is the contact information for Del Air

Del Air
531 Codisco Way
Sanford, Fla 32771
Contact: Debbie Keyes
(407) 831-2665 ext 1146

B. Part 3.00 Execution; 3.02 Tests and Inspections: The following is added as item G.

G. Test and Balance Requirements:

Provide the services of a fully certified Test and Balance Agency (T.&B.A.) by the Associated Air Balance Council. They shall have at least one member of the agency qualified as a certified test and balance engineer that has been issued this certification by the National Examining Board, United States and Canada. Final reports shall include his official stamp.

Provide air system test and balance including reports of new and existing to be replaced systems - The T. & B.A. shall perform the test and balance of the systems in accordance with the following requirements.

Existing Systems:

1. Test and record motor full load amperes and voltage.
2. Make pitot tube traverse of all ducted fans and obtain design CFM at fans.
3. Test and record system static pressures, suction and discharge.

New Systems:

1. Test and adjust each fan RPM to design requirements.
2. Test and record motor full load amperes and voltage.
3. Make pitot tube traverse of all ducted fans and obtain design CFM at fans.
4. Test and record system static pressures, suction and discharge.
5. Test and adjust system for design CFM's.
6. Test and adjust system for design CFM outside air.
7. Test and record entering air temperatures (DB heating and cooling).
8. Test and record entering air temperatures (WB cooling).
9. Test and record leaving air temperatures (DB heating and cooling).
10. Test and record leaving air temperatures (WB cooling).
11. Adjust all main supply and return air ducts to proper design CFM.
12. The T. & B.A. shall set the outside air dampers.

Reports: Provide four copies of the complete test report to the Department prior to final acceptance of project.

PLANS REVISIONS

THE FOLLOWING ARE REVISIONS AND CLARIFICATIONS TO THE PLAN SHEETS:

A. Appendix B – Roof Plans, Appendix C – Installation Details and Appendix D – Reference Schedules:

The attached seven (7) Plan Sheets have been revised. Please substitute these sheets for the sheets you now have.

B. Appendix B “Roof Plans”: General Note No. 5 is expanded as follows:

The contractor shall perform a onetime maintenance on all HVAC, Package Units, Condensing Units and Air handling units not being replaced as noted on the roof plan sheets note 5.

The minimum work to be performed is listed below:

- 1 All services shall be provided in compliance with equipment manufacturer specification using the most appropriate industry standards and equipment. The contractor shall furnish all labor, equipment, tools, materials, supplies, and incidentals necessary to perform all required services to ensure for a safe and efficient operation of the HVAC equipment and systems.
- 2 Check system for condensate leaks and inspect condition of blower drive belt of air handling units. Check belt tension and condition, replace if needed.
- 3 Inspect control devices, thermostats, temperature controls and place in normal operation mode.
- 4 Check motors for abnormal vibration, noise, and general condition and facilitate minor repairs needed. Report to the owner any major concerns.
- 5 Clean condensate drain pans and lines.
- 6 Replace Armoflex covering on copper where damaged.
- 7 Clean coils.
- 8 Check and adjust amounts of refrigerant. Add refrigerant when pressures do not meet the units operating requirements.
- 9 Provide a written condition report detailing the work performed, and any major system concerns.

These documents hereby become a part of the contract documents. (This Addendum will be placed on the Turnpike Enterprise website (www.dot.state.fl.us/contractsadministrationturnpike)).

All other conditions of the subject contract remain unchanged.

If you are a **PROPOSAL HOLDER**, please acknowledge receipt of this Addendum on Page 1 of the Form 375-020-08 of your Proposal, and return with your bid.

If you have any questions regarding this information, please do not hesitate to contact Rich Nethercote at the same number as shown above, ext. 3885.

Attachments