

**CITY OF ATLANTA  
REQUEST FOR PROPOSAL**

The Request for Proposal (RFP) for Bid Package No. 2009-009 **TCUP and East Chiller Plant Cooling Tower Water Recovery Project** will be received by designated staff of the Atlanta Airlines Terminal Corporation ("AATC"), at the AATC office located at Hartsfield-Jackson Atlanta International Airport, North Terminal, third floor on **Thursday, October 15<sup>th</sup>, 2009 by 3:00 PM.** The Request for Proposal will be available from AATC and other Bid Documents (Plans & Specifications) will be available at the below stated location.

**Minimum Qualifications:**

1. The Bidders and all its team members cannot be engaged in any dispute or litigation with the City of Atlanta (the "City").
2. The Respondent shall have a current Georgia business license and have had a Georgia business license for a minimum of three (3) years prior to the bid date.
3. The Respondent shall have an office within the state of Georgia located within one hundred (100) miles of the site. The office shall have a legitimate street address, be fully staffed (staff to include management, estimating, field supervision and installation personnel), and shall have been in place for a minimum of one year prior to the bid date.
4. The Respondent, after completion of the work, shall maintain an office within the state of Georgia located within one hundred (100) miles of the site. The office shall have a legitimate street address, be fully staffed (listed above), and shall be kept for a minimum of two (2) years to coincide with the contractor warranty requirements.
5. The Respondent, after completion of the work, shall maintain his Georgia business license for a minimum of two (2) years to coincide with the contractor warranty requirements.
6. The Respondent must demonstrate experience in the construction and management of five (5) projects of similar size and scope.
7. The Respondent must be able to meet the required insurance and bonding requirements of the project.

**Scope of Services:** The Atlanta Airlines Terminal Corporation is soliciting contractor proposals to furnish all labor, material, equipment, tools, supplies, services, supervision and all other necessary incidentals for the total, satisfactory and timely performance to complete the **TCUP and East Chiller Plant Cooling Tower Water Recovery Project at the Hartsfield – Jackson Atlanta International Airport** in accordance with the Contract Agreement, Construction Period, all associated Contract Documents and the Request for Proposal (AATC RFP 2009-009) dated September 21, 2009.

**Scope of Work:**

The following scope is provided as a general overview of the TCUP and East Chiller Plant Cooling Tower Water Recovery Project:

1. The project shall be divided into the base work and two additive alternates.
2. The base project work shall include the installation of two new reverse osmosis filtration systems and a new sand filter as described below:
  - a. Terminal Central Utility Plant: Provide and install a Reverse Osmosis filtration system to recover cooling tower bleed water and re-use for cooling tower make-up. This includes a "dirty" bleed water tank, a carbon pretreatment system, and adequate RO pump capacity to re-inject the product as make-up water to cooling tower condenser water supply loop. This unit will be located in TCUP chiller plant near the plant office.
  - b. East Chiller plant: Provide a Reverse Osmosis filtration system to recover cooling tower bleed water and re-use for cooling tower make-up. This includes a "dirty" bleed water tank, a carbon pre-treatment system, and adequate RO pump capacity to re-inject the product as make-up to cooling tower condenser water supply loop. Also, provide a high-efficiency, side stream sand filter on the condenser water loop. These units will be located in East chiller plant in the area of a non-functional centrifugal separator.

3. The Additive Alternative No. 1 work shall include the installation of two Sump Waste Water recovery systems for cooling tower make-up water as described below:
  - a. Terminal Central Utility Plant: Provide a sump pump wastewater recovery system at west end of apron tunnel with heat-traced and insulated pipe to transfer the water to the Terminal Central Utility Plant (TCUP) for cooling tower make-up water. The existing sump pumps shall be reused. Provide a new storage tank at the west end of the apron for the sump wastewater and another storage tank at TCUP for future use. This project will reuse an existing duplex transfer pump and compression tank for the transfer pump. The transfer pump control shall be coordinated with the new cooling tower fill controls.
  - b. East Chiller plant: Provide for the recovery of foundation drainage water from an existing clear water sump in the APM maintenance area for use as cooling tower make-up water. Provide a new transfer pump and pipe to transport the water to the east chiller plant. The transfer pump control shall be coordinated with the cooling tower fill controls.
4. The Additive Alternate No. 2 work shall include pricing for an annual maintenance and service contract to service, provide routine maintenance and repair both RO filtration systems that would take effect upon the expiration of the 1-year Contractor provided maintenance service period.
5. Two portions of this work will be included in the Contractor's scope but will be provided by standard vendors for the airport: controls by Johnson Controls Inc. and water treatment by A & W Tech.
  - a. Provide new reverse osmosis system flow measurement by Johnson Controls Inc. Control system requirements, sequences and points list is included in the Contract Document.
  - b. Coordinate with Owner's chemical treatment provider (A & W Tech) and incorporate requirements for controller, pumps, meters, sensors, bleed controls, tanks, and piping into this project.
6. Provide electrical distribution systems to serve new reverse osmosis systems, sand filter, and recovered water pumps at 480V and 208/120V.
7. Commissioning shall be performed during construction process by a third party. Contractor is responsible for contracting and providing all documentation and equipment operation needed to complete the third party commissioning and functional testing process.

**The Request for Proposal can be obtained from the AATC Project Manager, contact information below, and the other Bid Documents (Plans & Specifications) can be obtained separate from the Request for Proposal for reference; a copy of these documents can be obtained at Busters, Clark Howell Location, Ph. 404-593-2838.**

To be considered, Respondents must submit a complete response to the issued RFP. The format mandated by this RFP is not negotiable. Responses shall be submitted in sealed envelope(s) or package(s). The outside of the envelope(s) or package(s) must clearly indicate the name of the project: **Bid Package No. 2009-009, TCUP and East Chiller Plant Cooling Tower Water Recovery Project**, name and address of the Respondent. Submittals shall include one (1) marked "Original" and two (2) copies separately bound proposals and submit no later than 3PM, Thursday, October 15, 2009 in a sealed envelope addressed to Mr. Kim Vagher, Atlanta Airlines Terminal Corporation, P.O. Box 45170, 3rd Floor North Terminal, Hartsfield- Jackson Atlanta International Airport, Atlanta, Georgia 30320. Enclose in the envelope all documents required to be submitted in accordance with the Request for Proposal.

Any proposals received after 3:00 PM on October 15, 2009 will be disqualified. **The pre-bid conference will be held Monday, September 28, 2009 at 10:00 AM at the AATC offices, North Terminal, 3rd floor.**

All forms required by the **NOTICE OF REQUIRED SUBMITTALS** must be included in the bid. The bid shall contain the full name of each person, firm or corporation and the complete address.

### **Questions**

If you have any questions regarding this project, **please direct them to Ms. Marie Pierce, Project Manager for AATC** at (404) 530-2105, or by E-mail at [m.pierce@aatc.org](mailto:m.pierce@aatc.org).

City reserves the absolute right to reject any and all proposals and waive any technicalities at any time.

**..... The other Bid Documents (Plans & Specs) cannot be downloaded, they must be purchased through Busters. ....**