

REQUEST FOR PROPOSALS

NATATORIUM DEHUMIDIFIER & LOCKER ROOMS HVAC SYSTEM

JOB LOCATION

Mike Daniel Recreation Center
1220 Lafayette Pkwy.
LaGrange, GA 30241

The Troup County Board of Commissioners is requesting sealed proposals for the replacement of the HVAC system for the locker rooms adjacent to the natatorium at the Mike Daniel Recreation Center and dehumidifier for the natatorium at the Mike Daniel Recreation Center. The existing DX (direct expansion) system is failing and is expensive to repair and to operate. The Troup County Board of Commissioners is soliciting proposals from qualified, licensed HVAC contractors for a replacement system that will maintain the pool environment at 86°F (space temp) with 60% RH when the pool is at 84°F, and 84°F (space temp) with 60% RH when the pool is at 82°F. Locker rooms' HVAC system is to be a direct replacement of the same type with identical capacities or a system equal to the existing system.

LIST OF SYSTEM REQUIRMENTS

- Replacement system shall incorporate the needed space cooling, heating, dehumidification, and ventilation needs
- Replacement system shall have controls that allow its setpoints to be adjusted by the end user
- All materials used in the air stream of the system shall be rated corrosion resistant to the pool environment
- Casing of air handler shall be grounded in accordance with pool design guidelines.
- Pool area shall be ventilated in accordance with ASHRAE 62 standards for fresh air
- A stamped mechanical drawing of the designed system showing ASHRAE 62 compliance shall be submitted prior to construction of the system

LIST OF SYSTEM REQUIRMENTS CONTINUED

- Designed system must be capable of maintaining a +/- 2 degrees Fahrenheit tolerance on the dry bulb space temperature setpoint (setpoint is 86°F or 84°F depending on pool temperature)
- Designed system must be capable of maintaining a +/- 2% relative humidity tolerance on the space relative humidity setpoint (setpoint is 60% RH)
- Designed system shall be sized using a D.O.E. approved hourly analysis load software with a true 8,760-hour calculation, and the appropriate factors for latent gain from an active wet deck and pool surface at 84 degrees Fahrenheit (occupancy data and blue prints of the structure are available from Troup county)
- System must be fully supported by installing contractor, and easily serviced by any reasonably trained HVAC technician possessing a universal EPA certification

CONTRACTOR'S PROPOSAL SHALL INCORPORATE THE FOLLOWING ITEMS

- Basic design
- Total cost to install
- Time frame to complete work including lead times on equipment and major construction / installation milestones
- Physical configuration, location and impact on the facility
- List of company references with contact information
- Key company employees and representatives, including installation technicians and engineers
- Material, labor, and repair warranty information

Company experience in this type of project will be looked upon as very favorable for a proposer. Troup County will consider the energy efficiency of the proposed system when making a final selection. Experts will be consulted to assist Troup County in this area.

Please include a complete description of the system you are proposing as well as all warranties and a complete time line for the project.

A 5% bid bond must be submitted with each proposal. A 100% payment and performance bond will be required from the successful proposer prior to beginning any work on the project. Once the project has been awarded by the Board of Commissioner, the successful proposer will be required to submit a completed vendor package that includes an e-verify affidavit. A current certificate of insurance providing proof of general liability, automobile and workers compensation must be on file with Troup County Purchasing Department for the duration of the project and throughout the warranty period.

There will be a mandatory pre-bid conference on site, Mike Daniel Recreation Center, 1220 LaFayette Parkway, LaGrange, GA 30241, March 14, 2019 at 11:00 a.m.

All proposals must be received no later than 11:00 a.m., Thursday, March 28, 2019 in the Troup County Purchasing Department, 100 Ridley Avenue, Suite 3100, LaGrange, GA 30240. **LATE BIDS WILL NOT BE ACCEPTED.**

All questions regarding this RFP must be submitted to devans@troupc.org no later than 5:00 p.m., March 21, 2019. Information from any other source will not be binding upon Troup County and contacting any other party could result in your proposal being rejected.

Troup County reserves the right to accept or reject any proposal or make any decision deemed to be in the best interest of Troup County.