

WASTEWATER CONTINUING SERVICES

Project Fact Sheet

PROJECT DESCRIPTION

The University of Central Florida announces services are required of qualified contractors to perform corrective, predicative and preventive maintenance for campus wastewater collection systems that include, SCADA, pumps, motors, lift station, and process water collection systems for utility generation assets identified in ***“Attachment A”*** for scopes of work that include alternations, repairs, and construction. The selected firms’ minimum bonding capacity shall be \$2,000,000 with a maximum of \$7,500,000. Note that these limits may be updated over time to match the most current version of the Board of Governor’s Regulations.

The University of Central Florida wishes to enter into an open-ended contract with multiple companies for a period of one year, with an option to renew for four additional one-year periods. The University has the right to amend the terms of the contract at each annual renewal.

The Utility buildings and equipment to be serviced are subject to the below industrial utility generation facilities with services requested, outlined, and referenced in ***“Attachment A.”***

- **Downtown Campus Central Energy Plant** – 1100 RT of 480V electrical driven screw and scroll driven chillers
 - Scope shall include associated distribution infrastructure
- **District Energy Plant I (BLDG 003)** – 8000 RT of electrical driven centrifugal chillers
 - Scope shall include associated distribution infrastructure
- **District Energy Plant II & III (BLDG 072 Plant 1 & 2)** - 8000 RT of electrical driven centrifugal chillers coupled to a three-million-gallon thermal energy storage tank (TES)
 - Scope shall include associated distribution infrastructure with the plant and TES
- **District Energy Plant IV (BLDG 143)** - 4000 RT of electrical driven centrifugal chillers with four million Btu/hr. capacity of heat recovery
 - Scope shall include associated distribution infrastructure with the plant
- **Water Plant (BLDG 47)** - Water production plant supplying demand for all potable water to the main campus, and for Research Park during emergency conditions.
 - Includes distribution infrastructure, isolated booster stations, master lift stations, ancillary pumps and motors, drives, controls, electrical panels, and backup generators.

- **Wastewater Collection**
 - Includes all lift stations, gravity, collection system, force mains ancillary pumps and motors, drives, SCADA, electrical panels, and backup generators.
- **Reclaimed Booster Stations**
 - Includes distribution system up to the reclaimed water booster stations, ancillary pumps, and motors, drives, controls, and electrical panels.
- **Campus Booster Station (BLDG 307)** - Provides pressure regulation between UCF and Orange County during emergencies for potable water needs. Includes (4) 40HP pumps and switchgear.
- **Combined Heat & Power Plant (BLDG 354)** - Natural gas-fired prime mover coupled to a 5.5-megawatt generator; waste heat is then repurposed to fuel a vapor absorption machine that is capable of producing up to 1000 RT's of chilled water to the district cooling loop.
 - Excludes 1000 RT absorption chiller, generator, reciprocating engine, and engine ancillary skids.
- **UCF Sub-metering Infrastructure** – including, but not limited, to radio transmitters, validation and accuracy testing of meters, regulators, enclosures, power transformers, voltage transformers, circuit transmitters, and valve replacement maintenance for the following utilities: natural gas, water, waste water, chilled water, reclaim water, and electric.
- **Campus Distribution and Transmission Infrastructure**
 - Chilled water – pipes, vaults, manholes, valves
 - Potable water – wells, pipes, valves, groundwater and elevated storage tanks
 - Electrical – transformers, conductors, cable
 - Sanitary sewer – pipes, force mains, gravity lines, lift stations, manholes
 - Stormwater – pipes, outfalls, collection, distribution, retention and detention ponds

It is at UCF's discretion to choose among its selected Contractors the individual projects that Contractors will have the opportunity on which to propose. Contractor is required to provide quotes for all such projects requested by UCF. If Contractor does not intend to submit a quote on a certain project, justification must be provided to UCF. UCF shall take non-responsiveness into consideration when awarding future work and determining whether contract options will be exercised.

A not-to-exceed percentage fee for overhead and profit will be established in the agreement. This fee will be effective for the life of the contract. When an individual Project arises, the Contractor will be provided a detailed description of the Project scope (plans and specifications when applicable) and asked to provide to the designated UCF Project

Manager a cost proposal for completing the work. The cost of the work will include all costs related to completing the work plus the agreed upon percentage fee for overhead and profit. The Contractor will be required to seek competitive bids for all subcontracted work with a value over \$5,000 which will be included as part of the cost. Upon approval of the cost, the UCF Project Manager will submit a requisition to the University Procurement Division, which, in turn, will issue a Purchase Order to the Contractor for the work.

NOTE: The Selection Committee may reject all proposals and stop the selection process at any time. The University also reserves the right to cancel the project at any time.

INSTRUCTIONS:

Carefully review the Contract posted with this advertisement at <https://www.fp.ucf.edu/resources/contract-documents/>. Submitting a proposal for this project constitutes complete agreement with, and acceptance of, the terms and conditions contained within these documents. **NO changes will be accepted.**

Contractors desiring to apply shall submit **only electronic submissions**, to be uploaded at: <https://ucf.bonfirehub.com/opportunities/213552>, comprising:

- A. a letter of interest;
- B. a copy of the Contractor firm's current license from the appropriate governing board. All applicants must be licensed and insured to practice as General Contractors in the State of Florida at the time of application. Corporations must be registered to operate in the State of Florida by the Department of State, Division of Corporations, at the time of application.
- C. a completed Contractor Form;
- D. a list of completed jobs over the last two (2) years, with contract value, contact name, and telephone number; and
- E. narratives to address items listed in the Selection Criteria, as shown below

Please note that only ONE (1) file can be uploaded for the entire project submission.

Pages must be numbered consecutively. Proposals must not exceed 30 pages (excludes cover page and tabs). Points may be deducted for proposals exceeding the 30-page limit.

Detailed submissions instructions can be downloaded from the link shown above.

Applications that do not comply with all instructions may be disqualified.

Application materials will not be returned.

No oral communications shall be binding as a change to the Advertisement or Project Fact Sheet. Interpretation of the wording of this Project Fact Sheet shall be solely that of UCF and that interpretation shall be final. UCF may respond to questions deemed by the University to be material in nature.

It shall remain the responsibility of the firms participating in this solicitation to check the Planning, Design and Construction website (<https://www.fp.ucf.edu/vendors/current-advertisements/>) regarding any addendums and Notice of Change.

As required by Section 287.133, Florida Statutes, a contractor may not submit a proposal for this project if it is on the convicted vendor list for a public entity crime committed within the past 36 months. The selected contractor must warrant that it will neither utilize the services of, nor contract with, any supplier, subcontractor, or consultant in connection with this project for a period of 36 months from the date of their being placed on the convicted vendor list.

SELECTION CRITERIA

Companies will be evaluated on the following:

1. **Past Performance.** Provide information on five (5) projects that are similar in project type, size, and scope to what may be performed under this contract with UCF. Projects that are submitted that are not relevant in project type, size, and scope will receive no points. Clearly articulate within each of the 5 projects information regarding:
 - a) similarity in function, size and complexity; names of proposed team members who worked on each project and roles that the proposed team members played; owner's contact information; (name, title, phone, email); and representative images of the project
 - b) initially scheduled construction completion dates and actual construction completion dates; provide month/day/year for each date
 - c) original construction budget, final construction budget, and reasons for any differences; do not include direct owner purchase information
2. **Ability to Take on Additional Work.**
 - a) reflect your current workload and staffing; and.
 - b) describe how UCF's workload for this contract will be fulfilled.
3. **Experience and Ability.** Describe your firm's experience and ability:
 - a) working with public, higher education clients and their Standards and processes;
 - b) with cost estimating and change order avoidance;
 - c) with cost control, including methods employed
 - d) managing and performing numerous projects at the same time;
 - e) work in a High-Energy System Environment (PPE, training, onsite supervision), which includes, Voltages, Lubricants, Air and Water. Provide a narrative to address this ability.
4. **Bonding Capacity.** Provide a letter from your bonding company reflecting your current bonding capacity and rating.

5. **Personnel.** Provide bios for each of your firm's management, supervisors, line employees, and any other personnel that you believe are critical to the success of the work to be performed hereunder.

- Line Employee / Crew Member
- Supervisor / Project Manager
- Field Engineer / Specialty Technician

6. **References.** Provide three (3) letters of reference and recommendation prepared by your firm's client(s) for each specialty trade you are applying for hereunder. Reference letters should describe your performance on the projects. References may not be from UCF personnel.

7. **Location.** Provide the address of your main office, and any regional/local offices you have, and provide details of what services and technical personnel you have at those locations. Indicate which office(s) the personnel leading this project will be operating from.

8. **Quality Assurance/Quality Control.** Work shall be completed in accordance with the latest ANSI standards, original equipment manufacturer (OEM), and applicable codes, in addition to the University's standards. Describe your firm's approach to QA/QC and commissioning.

9. **Job-specific Qualifications.**

- a. Approach to Effective Supply Chain Management for capital replacement. Describe your company's approach to ensuring consistent supply chain management.
- b. Ability to respond to Disaster Relief Work during campus and state emergencies.
 - Include labor and equipment rates for disaster relief work requests.
 - Normal working hours
 - After hours (define times)
 - Weekends and holidays
 - Quantity of shifts vendor can support in one calendar day. (i.e. 1, 2 or 3)
 - Margin for material and equipment labor
 - Guaranteed response time

GENERAL INFORMATION

1. All applicants will be notified of the results of the short-listing in writing. Finalists will be informed of the interview dates and times and will be provided with additional project information, if available.
2. The Selection Committee will make a recommendation to the University President. All finalists will be notified in writing of the President's action. Upon approval by the President, negotiations will be conducted.
3. UCF Team Members may not discuss the project with interested firms during the entire selection process.

Attachment “A”

Specialty Trade: Wastewater

Typical required services:

- Pump monitoring and replacement services
- Lift station maintenance
- Pump packages
- Pressure and flow condition analysis
- Functional test pump and controls
- Laser alignments
- SCADA
- Chopper pump repair, replacement and service
- Manufacturer warranty repair