



Request for Information

RFI# 1608MCSA Natural Gas Services

UCF Department of Utilities & Energy Services

Return the "RFI Response Form" in word-format by email to brian.sargent@ucf.edu

RFI Issued: 10/11/16

RFI Response Deadline: 10/25/16

For questions regarding this RFI, you are welcome to contact:

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Version: 1.0
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Introduction and purpose of the RFI

This RFI is issued as a means of technical discovery and information gathering. This RFI is for planning purposes only and should not be construed as a solicitation nor should it be construed as an obligation on the part of the University to make any purchases. This RFI should not be construed as a means to pre-qualify vendors. The University of Central Florida may utilize the results of this RFI in drafting a competitive solicitation (Invitation To Negotiate, ITN or Invitation to Bid, ITB) for the subject services/products/equipment. Any future contract that may be awarded must comply with UCF procurement requirements.

Based on the information provided by the respondents to this RFI, a determination will be made regarding any actual contracting through a procurement process which, at the Universities option, could include but not be limited to: a formal bid process, using an existing UCF contract, procurement consortiums, or piggyback of a contract established as a result of the public bid of another public agency.

Participation in this RFI is voluntary and the University will not pay for the preparation of any information submitted by a respondent or for the University's use of that information.

Department of Utilities & Energy Services Overview:

The University of Central Florida's Department of Utilities & Energy Services (UES) provides an essential support function to the facility operation mission that includes:

- Documentation, monitoring and reporting of energy and campus emissions
- Providing reliable, safe utility generation with regards to power, potable water and chilled water, as well as maintaining distribution or transportation systems for natural gas and effluent
- Providing multi-discipline interoperable building automation and optimization to control indoor air quality (IAQ)
- Saving, reducing and avoiding energy at the University
- Utility Metering, Data Collection, Auditing and Reporting
- Data Analytics for campus facilities and advanced dynamic Utility Production Systems

Description of UCF Houeline Gas System

The UCF Houeline System is comprised of an estimated 23,360 linear feet of 6", 4" and 2" carbon steel pipeline as well as 1" and ¾" polyethylene pipe. The System is comprised of four individual systems or feeds, North, South, West and Ara. Each individual system has its own single feed from Tampa Electric Co. (TECO):

North System: The North Feed is owned by TECO and has measurement at each structure served by TECO. The north feed consists of 2" carbon steel pipeline originating at Alafaya Trail and running along Gemini Blvd North to service the North side of campus. The North feed serves structures to the north of Gemini Blvd and some Greek Park structures.

Ara System: The Ara Feed is owned by TECO and has measurement at Building 92. The Ara Feed consists of 2" carbon steel pipeline originating at Libra

Drive and running east between the powerline right of way and the Ara Drive. Downstream of Building 92, the 2" carbon steel pipeline is owned and operated by UCF.

South System: The South system is **owned by UCF**. The South System is a 6" carbon steel pipeline originating near the South Duke Energy Substation and runs along Libra Drive to the south half of the inner campus circle. There are 28 meter points and 23 valves contained in this system. Minimum operating pressure at the terminus of this system is 77 PSIG in order to meet the pressure requirements of the CHP Plant.

West System: The West System is **owned by UCF**. The West System is a 6" carbon steel pipeline originating at Alafaya Trail, north of Centaurus Drive and running along Aquaris Agora then following around Pegasus Circle. The West System serves loads in the inner campus circle, including the Visual Arts, Student Unit, Engineering II and Health and Public Affairs Buildings. This line requires a 20 PSIG residual pressure to meet minimum appliance inlet pressures.

More information can be found on <http://www.energy.ucf.edu>

Description of the Project/Service Needs:

- Competitive – multi-year Cathodic Protection Service Level or Master Agreement for: Maintenance, Design, Installation, commissioning, training & Information of CP systems.
 - o Professional engineering services to the UCF natural gas system to include: planning, conceptual designs, design alternatives, project management/coordination, system reliability, equipment installation, system modeling and system commissioning.
 - o Intimately familiar with safety, reliability of Cathodic Protection monitoring, technology, data collection and possible replacement/takeover, and insulated/protective needs for UCF's system
 - o University is seeking a rough order of magnitude in terms of annual service level costs and capital replacement of current CP systems (University is not interested on a T&M basis)
 - o Provide information on existing FL state contracts?
- Pipeline & Corrosion Control (23,360 Linear Feet/Steel Pipe)
 - o Corrosion analysis of underground piping
 - o Current Mapping and CP/Short Testing of current underground lines (detect bad spots, shorts, holidays/corrosion of UG lines, etc)
- Construction & Installation (Steel Pipe – Valves, Regulator Stations, Test Stations, etc)
- Testing & Regulation Services
- Ability to evaluate and determine universities current state according to PHMSA/DOT
- Ability to interconnect two metered campus systems (confirm no additional regulations by interconnecting, documentation showing this)
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RFI RESPONSE FORM

Form to fill in as answer to the RFI. Also attach supporting documentation such as brochures, examples of previous work, electronic files, pictures, etc.

Question	Answer
Company name	
Company address	
Company web page	
Main products/services	
Main market/customers	
Contact person responsible for answering this RFI	
Telephone	
Email	
Demonstrate company's capability to effectively design, install, commission, and maintain a CP system based on UCF's houseline system, as well as provide services for underground pipeline integrity testing.	
Reference competitively bid existing contracts with public entities for same or similar installations.	