



Purchasing Department
140 Stonewall Avenue West, Ste 204
Fayetteville, GA 30214
Phone: 770-305-5420
www.fayettecountyga.gov

September 17, 2019

Subject Request for Information #1731-I: Advanced Water Metering Solutions

Gentlemen/Ladies:

Fayette County, Georgia invites you to respond to our Request for Information for an advanced water metering solution to upgrade current systems and services.

Questions concerning this request for information should be addressed to Natasha Duggan via email to PurchasingGroup@fayettecountyga.gov or fax to (770) 305-5208. Questions will be accepted until 1 pm, Friday, October 4, 2019.

Purchasing Department office hours are Monday through Friday 8:00 a.m. to 5:00 p.m. The office telephone number is (770) 305-5420.

Please return your response to the following address:

Fayette County Purchasing Department
140 Stonewall Avenue West, Suite 204
Fayetteville, Georgia 30214

Request for Information Number: *1731-I*
Request for Information Name: *Advanced Water Metering Solutions*

Responses will be received at the above address until 3:00 pm, Tuesday, October 15, 2019 in the Purchasing Department, Suite 204.

If you download this Request for Information from the county's web site, please be sure to check the web site for any addenda that might be issued prior to the above due date. If any addenda are issued, they may contain information that would be important to your response.

Sincerely,

Ted L. Burgess
Director of Purchasing
Attachment

**Request for Information #1731-I
Advanced Water Metering Solutions**

OBJECTIVE

Fayette County, Georgia seeks to update and enhance its Water System operations to improve operating efficiency, increase water resource conservation, and enhance customer service. The objective of this Request for Information (RFI) is to obtain information about functions and features of available Advanced Metering Infrastructure (AMI) systems, including smart meters, communications networks, and data management. This information will assist the county in evaluating available technology, and in design of the most appropriate solution to meet local challenges.

Please note: This RFI is issued to obtain information and assist the county with planning. It does not represent a solicitation, and does not constitute a Request for Proposals, an Invitation to Bid, or similar form of solicitation. The county will not pay for any information, or any administrative costs incurred in responding to this RFI.

OVERVIEW OF CURRENT SYSTEM AND OPERATIONS

The Fayette County Water System operates under the Fayette County Board of Commissioners and the County Administrator. A Water Committee acts as an advisory committee to the Board of Commissioners. The county's two water treatment plants have a capacity to provide a total of up to 22.7 million gallons of potable water per day.

Approximately 606 miles of water lines, of various diameters, deliver water to customers. There are approximately 31,500 meters in service ranging in size from ¾ inch to 10 inches. Of this total, roughly 29,000 are residential and irrigation, and 2,500 are commercial or industrial. A breakdown of the number of meters by size is as follows:

Meter <u>Size</u>	Number <u>Of Meters</u>
¾"	29,955
1"	363
1 ½"	265
2"	375
3"	4
4"	346
6"	86
8"	104
10"	<u>2</u>
Total	31,500

Currently, metered services are split into eight monthly reading cycles, eight monthly billings, and four monthly final billings. Utility service staff use drive-by laptop devices to electronically read meters. The meter-reading information is sent from the laptop eight times per month to the county's automated Munis-based Utility Billing import reading program.

Utility Service Technicians perform manual reads on 218 large (six inches to ten inches) metered services that are equipped with Hersey meters. Manual reads are gathered on all new services, as well as terminations for final billings. Special manual reads are gathered for high-usage customers and read complaints.

STATEMENT OF NEED AND REQUESTED INFORMATION

In seeking information about advanced metering infrastructure and systems, the county is working toward maximizing efficiency in water production and distribution, assuring billing accuracy, eliminating water loss and non-revenue water, and state-of-the-art customer service. We seek to develop and implement a comprehensive smart-water infrastructure solution to meet these goals.

You are invited to provide information about products, services, and systems that would enable the county to realize these goals. Please include information about equipment, functionalities and capabilities, middleware, data management, and/or other pertinent areas in your response, so that we will have sufficient information to develop a system capable of producing the stated desired results.

RESPONSE GUIDANCE

In consideration of the objective and information shown above, please describe the comprehensive smart water metering and management solution that you would recommend for the above-state objectives. Include functions and features, and how they would improve and enhance the Water System's operations. In order to facilitate your reply, no specific response format is required or requested. Please return the attached "Company Information" form with your response.

County staff will review responses, and use information you provide as input in development of a comprehensive solution that meets local conditions.

Responses received by 3pm, Tuesday, October 15, 2019 will be included in analysis and consideration of the system that best meets the Water System's needs. Any information received after that may not be available in time to receive consideration, as the process must be completed in a timely manner.

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COMPANY INFORMATION

COMPANY

Company Name: _____

Physical Address: _____

Mailing Address (if different): _____

CONTACT PERSON

Name: _____

Title: _____

Email Address: _____

Phone Number: _____ Cell Number: _____