



**REQUEST FOR QUALIFICATIONS
FOR
AUTOMATED WATER METER READING (AMR),
AUTOMATED METER INFRASTRUCTURE (AMI) SYSTEM(S),
AND RESIDENTIAL WATER METERS**

Project Summary

The City of Rock Island is seeking qualifications from qualified providers for the development and project oversight of installing either an automated meter reading (drive by, or AMR) system, automated meter infrastructure (fixed network, or AMI), as well as pricing and installation options on residential water meters (up to 14,500).

Project Background

The City of Rock Island last had a major residential water meter change out between 1998-2000. In the following years, water meters were replaced as needed, and repaired as needed, until 2014, when low lead requirements shifted the need to repair older meters, to replacing them. Currently 300-400 meters get replaced annually, due to registering issues, wiring issues, etc.

Project Scope of Services

The scope of services will include, but is not limited to, the following:

- 1) Conceptual design and construction cost of:
 - a) AMR/AMI Systems
 - i) The provider of the meter, endpoint, software, and reading equipment should all be manufactured by one company
 - ii) Must have more than 2,500 systems deployed in the United States
 - iii) All endpoints must be able to send an automated meter reading (AMR, or drive by), or automated meter infrastructure (AMI, or fixed network) simultaneously, and without reprogramming
 - iv) The endpoint must be backwards compatible for all versions since the first version was manufactured
 - v) Manufacturer must provide a cellular meter interoperability unit (MIU) that resides on the First Net Cellular Network
 - b) Software
 - i) Host software must be cloud based, using Amazon Web Services as their security platform
 - c) Support
 - i) The provider must have a meter distribution location that resides in the states of Illinois or Iowa
 - ii) Local distributor should have software support locally

- iii) All sales, service, and support must come from the local distributor mentioned in “i)”
- d) Meters
 - i) Manufacturer must produce a full line of residential and commercial water meters with no/low lead bronze
 - ii) Non-moving pat meter line should be of Ultra Sonic Design
 - iii) Manufacturer must be certified American made
 - iv) All commercial meters must have a field replaceable unitized measuring element (UME)
 - v) All meters must have both a digital and sweep hand register available
 - vi) Manufacturer must produce both a positive displacement meter (nutating disc only), and an ultra-sonic meter, manufactured by one company

Tentative Schedule of Events

Issue RFQ	March 7, 2023
RFQ Deadline	March 27, 2023
Committee Review of Qualifications	Week of April 3, 2023
Award Date	TBA

Qualifications

The qualifications should contain the following information, plus any other information deemed pertinent by your firm:

- 1) Examples and brief synopsis of comparable projects including recent clients that may be used as references.
- 2) Qualifications, experience and availability of key professional and technical staff including any anticipated subcontracted work.
- 3) Location of the office which will perform the work and designation of the project manager and any additional team members.

All qualifications must be hand carried or mailed and will be received at the City of Rock Island Public Works Department, no later than 10:00 a.m. local central time, on Monday, March 27, 2023. All qualifications must be sealed and marked “WATER METER AND INFRASTRUCTURE PROJECT QUALIFICATIONS.”

Qualifications must be submitted to:

Pat O’Brien, Utilities Maintenance Supervisor
 City of Rock Island
 Public Works Department
 RE: WATER METER AND INFRASTRUCTURE PROJECT
 1309 Mill Street
 Rock Island, IL 61201

*Qualifications received after this date and time will not be considered.

Additional information and questions may be directed to Pat O’Brien, Utilities Maintenance Supervisor, at obrien.pat@rigov.org

Evaluation Criteria

Each proposal will be reviewed and judged against the evaluation criteria listed below:

- 1) Experience of the consulting firm and experience with projects of this type
- 2) Comprehensive knowledge, understanding, creativity, and application of the appropriate products, techniques, and standards used for the design and construction of similar projects.
- 3) Fees for services
- 4) Projected time and schedule to complete the project.

After reviewing the provider's qualifications, the project steering committee will make its selection based upon the evaluation criteria. Providers may be asked to participate in an interview, at the firm's own expense, with the project steering committee. The provider's staff member(s) responsible for the completion of these projects is/are required to attend the interview.