



/ Opportunities

Charlotte Water / General Services

Advanced Metering Infrastructure Installation Services

Charlotte Water, a Department of the City of Charlotte NC, intends to advertise a Request for Proposals (RFP) to contract labor services to deploy an Advanced Metering Infrastructure (AMI) system for all of its approximately 325,000 water meters (collectively, the “Project”). Charlotte Water is issuing a separate RFP for the AMI system hardware and software (the “System”), and Charlotte Water intends to engage in one contract with the successful AMI system proposer. Furthermore, Charlotte Water expects the successful labor services proposer to act as subcontractor to the successful AMI System proposer under one contract to install the complete AMI System. This will allow Charlotte Water to evaluate Installation Companies separate from AMI systems and make selections of the system and the installer independently while still managing one contract during the implementation phase. The basic components of the Project sought by Charlotte Water include the following:

- Installation of new meters, retrofit registers (if applicable), and AMI meter interface units (MIUs)
- Handheld devices and software necessary to program and/or initialize the MIUs and collect installation data
- The design, installation, and testing of information interfaces between the AMI system’s software components and Charlotte Water’s customer information system (CIS) and other systems, such as its field work order system
- All related documentation, including technical manuals and operating procedures
- Training of Charlotte Water’s employees in MIU installation
- Managing the inventory of AMI equipment during the course of project deployment
- Satisfactory testing of all software, hardware, and procedures prior to the deployment of the system according to the system testing and acceptance process set forth in the contract
- Coordination, scheduling, communications, and documentation of all installation services

Details

Posting Number	2024-Q2(Apr-Jun)-CW-14233
Anticipated Posting Date	2024-06-10
Commodity Code(s):	21045, 28501, 89040, 89044, 89045, 89046, 96185, 96246, 96858

Requirements

Last Updated: 06/21/24

Insurance Requirements

The City requires the awarded vendor(s) to obtain and maintain the following insurance coverage types:

- Automobile-For automobile operations liability
- Crime (Employee Dishonesty)-For the theft of our property by an employee or contractor
- Errors & Omissions / Professional Liability-For negligence or failure to perform in a professional capacity
- General Liability-For bodily injury or property damage, arising from products, premises, completed work, personal & advertising injury
- Workers Compensation-For lost wages and medical expenses of injured workers

Subcontracting Opportunities

Subcontracting Opportunities

Implementation Services, Meter Box Replacement Services, Communication Strategy/Documentation/Printing Services

Estimated Total Value

The total project value is anticipated to be:

- \$10,000,000+

Utilization

The City anticipates setting goals for the following types of subcontractor utilization:

- SBE-Small Business Enterprise
- MBE-Minority Business Enterprise
- WBE-Women Owned Business Enterprise

Contract Term

The term of the project is anticipated to be:



Multi-Year

For Questions, Contact:

Matt Newlon

City Contact

704-336-3018

Matthew.Newlon@ci.charlotte.nc.us