



Purchasing Notes

EVENT # 9443	TITLE: Water Meter Advanced Meter Infrastructure (AMI) Deployment	COST: \$5,268,357.04
TYPE OF PROCUREMENT: Sole Source	ANNUAL CONTRACT <input checked="" type="checkbox"/> ANNUAL MAINTENANCE AGREEMENT <input type="checkbox"/>	ONE TIME PURCHASE <input type="checkbox"/>

CONTRACT TERM (IF APPLICABLE)

August 10, 2023

S/DBE (IF APPLICABLE)

N/A

MATRIX (IF APPLICABLE)

N/A

NOTES

This is for an annual contract to transition from a primarily manual water meter reading process to an Advanced Metering Infrastructure (AMI) system with Badger Meters, Inc in the amount of \$5,268,357.04

The current water meter system of approximately 79,156 meters is read almost exclusively manual, which is very labor intensive. AMI will be electronically read, this electronic reading allows for greater capabilities, including options such as water connection turn on/turn off, leak detections, and consumption statistics. The project will increase meter reading efficiency and accuracy, reduce staff labor time, and increase employee safety.

There will be no direct charge to customers for this upgrade: customers will not notice any changes to their water service once the installation is complete. The benefits to customers include receiving timelier and more granular data available to better understand, monitor, and manage their water usage. Customers will have a portal allowing them to view their water and sewer usage on a web portal or mobile app.

The City of Savannah Water Distribution System includes approximately 79,156 water meters serving the property owners of the City of Savannah Water and Sewer Service Area. These 79,156 water meters are made up of approximately 29,000 Badger Automated Meter Reading (AMR) units, 156 Badger AMI units, and 50,000 Direct Read Meters.

The AMR meters receive water meter readings via the radio read technology, the AMI meters receive meter readings through the wireless technology, and the direct read meters are the original meter reading / typical odometer register technology read by meter reading staff. The replacement of the direct read meters with AMI units will achieve more accurate City water and sewer billing and revenue recovery;

have service leak detection capabilities; and to better conserve water resources, while also allowing the citizens of Savannah to view their water and sewer bill water and sewer usage on a citizen computer & iPhone portal. Badger Meter's cellular-based solution supports Smart Cities initiatives now and into the future.

The City of Savannah standardized on Badger meter in 2005 when it began installation of the Badger Orion meter units in 2006. The 29,000 AMR Badger units will be expired once their service life has expired, after which City staff will replace these with AML units.

This contract is an annual contract for one year with three (3) one-year renewals and includes water meter purchase, water meter installation, water meter retrofits, water service lateral material inventory, bonding, lid replacement, computer file migration, communication with citizens, and other.

S.S. Badger Meter, Inc (Milwaukee, WI) ^(D) \$5,268,357.04

(B) Indicates local, non-DBE business. Recommend approval