



City of Galveston

Municipal Utilities STAFF REPORT

Date February 24, 2022

To: City Manager
Mayor and City Council Members

From: Trino Pedraza, Director of Public Works and Utilities

Project Location: City Wide **Project:** Sustainable Interactive Customer Connections (SICC)

Request:

Consider for approval the Advanced Metering Infrastructure (AMI) implementation with Badger Meter Inc. in the amount \$15,425,902.78, contingent upon receipt of the final draw of American Rescue Plan Act Funding. Authorizing the City Manager to execute all necessary documents upon final approval by the City Attorney.

Background:

- A. In 2020 E Source Companies (previously Excerpt Corporation) was selected in a competitive proposal selection and subsequently awarded a contract as the owner's advisor supporting all phases of the AMI project including: Feasibility, Planning/Design, Vendor Selection, Procurement, and AMI Implementation oversight. The initial phases of this contract were executed on August 8th, 2020.
- B. Following the completion of feasibility and requirements development, the City advertised an RFP for SICC – AMI Metering Data and Customer Service Project on May 27th, 2021.
- C. The project team has since undertaken RFP response evaluation activities, including multiple vendor interviews and extensive analysis by E Source and City Staff.
- D. In a parallel effort to the procurement evaluation, E Source has continued to work with staff in Pre-Implementation tasks to support business design, stakeholder engagement and technical service integration as part of their Professional Services Support Contract.

Current Situation:

- A. The City of Galveston applied for a \$450,000.00 water conservation grant through the Harris-Galveston Subsidence District. The grant was written to fund 27,268 AMI endpoints,





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1006 1” Water Meters with Pressure Sensors, 1 year of our customer engagement portal and the customer implementation services from Badger. If the grant is awarded, the grant funding will be applied to this project after the award has been accepted by City Council.

- a. Upon receipt, the original funding will be reduced accordingly and the remaining funds will be applied to the ARPA Sewer Inflow and Infiltration (I&I) project.
- B. Badger Meter was selected as the vendor of choice after an extensive procurement process in the fourth quarter of 2021.
- C. The final Scope of Work (SOW) in the Badger Contract includes the following:
 - a. Equipment Package that includes the replacement of:
 - i. Approximately 23,500 residential ultrasonic water meters with remote shut-off valves
 - ii. Approximately 1,357 (1”,3”,4”,6”,8”) meters with pressure sensors which will automatically transfer pressure information to the City
 - iii. Approximately 27,268 AMI Endpoints that attach to each water meter and form a complete network throughout the service territory enabling the collection of meter and sensor data.
 - iv. Various forms of meter boxes, lids and ancillary items required for installation.
 - b. Installation services package to install all the equipment, including inventory management and customer work order system.
 - c. Hosted software capable of delivering billing reads from customer meters, with functionality to monitor sensor input across the AMI network. The package also includes analytic tools and a customer engagement portal (CEP) module enabling customer access to the meter data.
 - d. The Badger services related to project management, system integration, and training.
- D. The Badger Meter Implementation Contract will be delivered over an eighteen (18) month period following contract execution.
- E. The federal grant under the American Rescue Plan is being awarded to the City in two installments. On June 6, 2021 the City received \$13,517,811 to be applied to the AMI project, the Pirates Beach wastewater treatment plant, and the Sewer I&I project.
- F. For this contract, an initial purchase order of \$11,502,000 will be generated. Upon arrival of the next grant portion, the remaining balance of \$3,923,902.78 will be issued.

Fiscal Impact Report

Funding Source	Amount
American Rescue Plan and/or S.I.C.C.	\$ 15,425,902.78
Total	\$ 15,425,902.78





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Alternatives

- A. Approve the Badger Meter contract at a fixed price of \$15,425,902.78.
- B. Do not approve the request.

Staff Recommendation

Approve the Advanced Metering Infrastructure (AMI) implementation with Badger Meter Inc. in the amount \$15,425,902.78. Authorizing the City Manager to execute all necessary documents upon final approval by the City Attorney.

Attachments

Sustainable Interactive Customer Connections AMI Metering 020822 (the contract)
Exhibit A

