



# CITY MANAGER'S REPORT


## AGENDA ITEM REQUEST

### UTILITIES DEPARTMENT

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**DATE:** May 30, 2018

**TO:** Ed Lavallee, ICMA-CM, MPA, City Manager

**FROM:** Javier Vargas, Utilities Director 

**COUNCIL DATE:** June 12, 2018

**SUBJECT:** **Water Meter Replacement Program**  
**Piggyback Contract (Utility Metering Solutions)**

#### **Background:**

Over ten years ago, the City initiated a program for the replacement of all manual read meters with radio read meters. These initial installations have reached their recommended useful life. Utilities initiated a capital project in FY 2017 to start replacement of the oldest of these meters. The Utilities Department has chosen to use a contractor to replace the meters in Phase 2 and 3 under a piggyback contract, approved by the City Manager, through the City of Auburndale, Florida. The contractor is Utility Metering Solutions.

Phases 2 and 3 of this capital project will continue the Utilities' ongoing efforts to upgrade the existing radio read meters (Automatic Meter Reading) to Advanced Metering Infrastructure (AMI). The upgraded meters will ultimately transmit meter data to centrally located towers and will not require meter readers to drive by each meter to collect meter data. In addition, detailed flow data can be obtained instantaneously for individual customers without sending staff to a customer. Full implementation of all AMI capabilities is expected within the next few years, once enough AMI meters are in the system to justify the expense of the towers needed to transmit and receive signals. There are approximately 4,170 water meters that are greater than 10 years old that will be replaced as part of this year's project (phases).

The anticipated cost for the 4,170 meter replacements is approximately \$200,000.

#### **Requested Action:**

The Utilities Department requests Council's approval for the replacement of 4,170 meters through a piggyback contract with Utility Metering Solutions in the amount of \$200,050 for fiscal year 2018.

#### **City Attorney Review:**

N/A

#### **Risk Management Review:**

N/A

#### **Funds Availability (account number):**

Based on Council's approval, funds are available in account number 421-1202-536.63-00.