



PUBLIC WORKS

To: Mayor and Town Council

From: Carrie Jones, Director of Public Works

**Through: Mario Canizares, Town Manager
Chuck Ewings, Assistant Town Manager**

Re: Purchase of Water Meters

Town Council Meeting – October 22, 2024

Strategic Visioning Priority: 4. Provide Excellent Municipal Services

Agenda Item:

Consider and act upon approving the purchase of water meters from Core & Main for \$566,625 and authorizing the Town Manager to execute the same.

Description of Agenda Item:

As part of the FY2025 budget process, Public Works requested a non-discretionary package to begin an annual water meter replacement program. The water system currently has approximately 14,000 water meters with approximately 25% of the meters being over 10 years old. As water meters age they lose accuracy which may not be noticed since they have not fully failed. In preparation for the funding request, staff tested a small sample of the meters that are over 10 years old and received a 95% failure rate out of the 32 meters that were tested. Each meter is tested in three environments, high flow, medium flow, and low flow. If the meter fails any of the three flow tests, it is considered a failed meter.

To more accurately track the water that is being used, Staff is implementing a water meter replacement program to ensure that meters are replaced every 10-15 years. Prior to replacing meters, staff will continue to test a sample of the year to determine if the meters are at the state of failure.

Staff's goal for the first year of the water meter replacement program is to focus on meters that are 10-15 years old, switching them to an ultra-sonic water meter, which is more accurate and has a longer life span than the currently used water meters. Based on the budgeted amount, staff will be able to replace approximately 2,500 meters, reducing the number of meters over 10 years old to approximately 7% of the meters in the system.

This will be an ongoing program in future years, based on funding availability.

Budget Impact:

The purchase of additional water meters to begin the water meter replacement program was approved as part of a decision package through the FY25 budget process. The total amount will be charged to 70050520-52400 (Meter Purchases).

Legal Obligations and Review:

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the attached documents as to form and legality.

Attached Documents:

1. Core & Main Quote
2. Sole Source Letter

Town Staff Recommendation:

Town Staff recommends the approval of the purchase of water meters from Core & Main for \$566,625 and authorizing the Town Manager to execute the same.

Proposed Motion:

I move to approve the purchase of water meters from Core & Main for \$566,625 and authorize the Town Manager to execute the same.