

From: [Tiffany Kimball](#)
To: [Stacey Ferrante](#)
Cc: [Mary Ann St. Laurent](#); [Rusella Bowes-Johnson](#)
Subject: RE: Standardization of Badger E-series Ultrasonic water meters with Nicor connector
Date: Wednesday, July 24, 2019 12:53:15 PM
Attachments: [image003.png](#)
[image004.png](#)

Dear Stacey,

Badger meters are approved to use as a standardization to match our new AMI system.



Tiffany Kimball
Contracting Officer
City of Ocala
tkimball@ocalafl.org
352-629-8366



From: Stacey Ferrante
Sent: Wednesday, July 24, 2019 11:29 AM
To: Tiffany Kimball <TKimball@Ocalafl.org>
Cc: Mary Ann St. Laurent <MSTLaurent@Ocalafl.org>; Rusella Bowes-Johnson <RJohnson@Ocalafl.org>
Subject: Standardization of Badger E-series Ultrasonic water meters with Nicor connector

Good morning Tiffany,

Per our phone conversation this morning we are moving forward standardization of the Badger E-series Ultrasonic water meters with Nicor connector. These are the water meters that will coincide with the Orion Cellular LTE-M AMI system.

Tiffany again thank you and your staff for all your assistance with this.

Stacey Ferrante
Manager, Water Resources Infrastructure Maintenance
Engineering/Water Resources Department
352.351.6781 (Office)
352.572.0484 (Cell)
352.351.6718 (Fax)



Legislation Details (With Text)

File #:	2023-0291	Status:	Agenda Ready
Type:	Agenda Item	In control:	City Council
File created:	12/7/2022	Final action:	
On agenda:	1/17/2023		
Title:	Approve the purchase of water meters and water meter parts from Badger Meter, Inc. in the amount of \$6,015,364		
Sponsors:			
Code sections:			
Attachments:	1. EXECUTED - Agreement for Water Meters and Parts - Badger Meter (WRS-190643), 2. Contracting Officer Standardization Approval - Badger Meter, Inc.		

Date	Ver.	Action By	Action	Result
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Submitted By: Rusella Bowes-Johnson

Presentation By: Sean Lanier

Department: Water & Sewer

STAFF RECOMMENDATION (Motion Ready):

Approve the purchase of water meters and water meter parts from Badger Meter, Inc. in the amount of \$6,015,364

OCALA'S RELEVANT STRATEGIC GOALS:

Quality of Place, Operational Excellence

PROOF OF PUBLICATION:

N/A

BACKGROUND:

On August 20, 2019, City Council approved the Cooperative Purchasing Agreement for Water Meters and Water Meter Parts ("the Agreement") with Badger Meter, Inc. ("Badger") d/b/a National Meter & Automation which expires on September 30, 2023. The Agreement includes three optional, 5-year renewals. The pricing for the water meters and cellular endpoints is held to the original Agreement pricing until July 1, 2024.

Under the City Council approval for the Agreement, the Water Resources Department ("Water Resources") transitioned from Elster-Amco Automatic Meter Reading ("AMR") system to Badger's cellular meter reading technology. Water Resources is currently changing out the Elster-Amco AMR system that was installed in 2007. The AMR system, if working properly, would have allowed for the remote collection of water usage data

without requiring the physical presence of personnel at the meter to visually read the meter register.

Due to poor workmanship, condensation developed under the sealed meter modules leading to the failure of these modules, and the AMR system was never able to achieve 98% reading expectations. When the modules failed, they did not transmit the meter readings to the billing system, and the meter had to be physically inspected and read.

FINDINGS AND CONCLUSIONS:

Water Resources estimated their fiscal year 2023 ("FY23") needs as detailed below:

Description	Quantity	Unit Cost	Total
5/8" Water meters	4,216	\$ 216	\$ 910,656
Cellular service units	4,545	\$ 66	\$ 299,970
1", 1.5", 2" water meters and cellular service units as-needed			\$ 389,374
Total			\$ 1,600,000

- The FY23 purchase would cover approximately 4,216 of the 5/8" water meters. These meters will not only replace the remaining Elster-Amco with Badger water meters, including remote disconnect/reconnect capability, but will also accommodate new developments.
- To date, the Water Resources Department replaced 23,000 meters throughout the system.
- The total expenditure requested for approval is listed below:

Purchase Description	Amount
Off-Contract invoices	\$ 656,498.63
Contract #190643	\$ 330,000.00
Warehouse tracking #190592	\$ 3,428,864.91
FY23 Purchase	\$ 1,600,000.00
Total Required Approval	\$ 6,015,363.54

- Lead time for receiving meters after order is a minimum of six (6) months due to supply chain issues.
- Staff recommends approval.

FISCAL IMPACT:

Items are inventory and will be accounted for using 455-141-000-000-41-14100.

PROCUREMENT REVIEW:

The purchase of these goods is in compliance with the City's Procurement Policy.

LEGAL REVIEW:

The underlying Agreement was reviewed and approved for form and legality by former Assistant City Attorney, W. James Gooding III.

ALTERNATIVE:

- Approve with Changes
- Table
- Deny