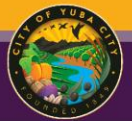




Cellular Water Meter Replacement Project – Approval of Plans & Specifications

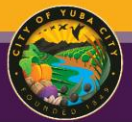


Benjamin K. Moody
Interim Assistant Public Works Director



Background

- Cellular-read meters to replace current radio-read meters:
 - Improved customer service
 - Faster & more accurate data
 - Labor efficiencies
- January 17, 2017 – Council authorized State Revolving Fund application
- April 10, 2018 – Council approved Construction Installment Sale Agreement
- Agreement is for \$8 million:
 - \$4 million in principal forgiveness
 - \$4 million in 10-year, 1.8% interest loan



Recommendation A – Approve Plans & Specifications

Project to replace:

- 17,400 radio-read transmitters
- 17,400 radio-read meter registers
- 5,000 meter bodies



Project schedule:

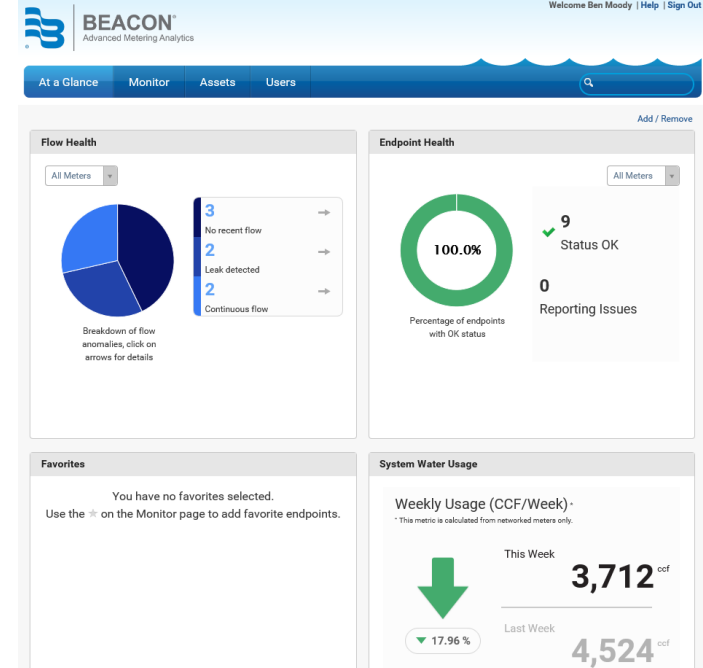
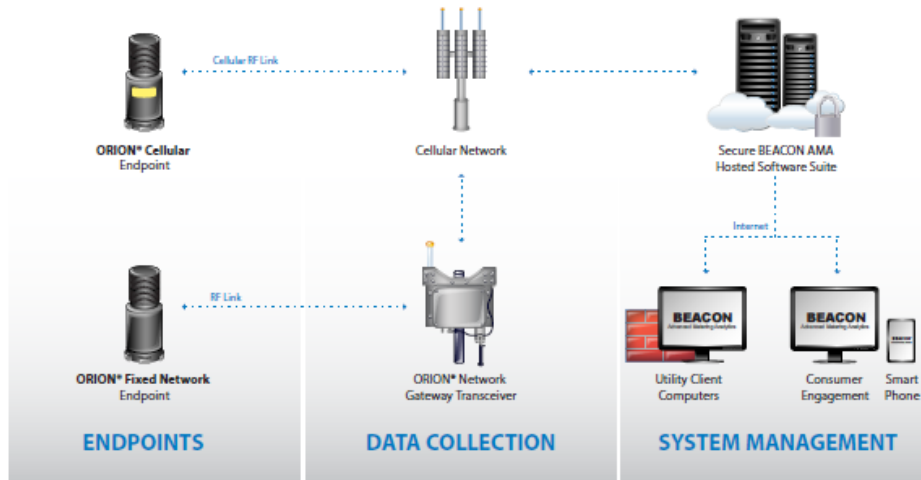
Advertise for Bid:	December 2019
Bid Opening:	January 2020
Award Contract:	February 2020
State Bid Package Approval:	Late Winter 2020
Start of Construction:	Spring 2020
Completion:	Fall 2020



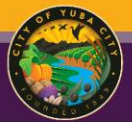
Recommendation B – Sole Source Equipment

Badger Meter, Inc.

- Long-time provider of the City's water distribution system meter equipment
- Uniquely compatible with existing equipment & software
- Includes training, 10-year warranty, and efficient delivery
- Delivers real-time customer interactivity



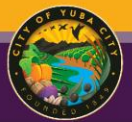
Recommendation C – Coastland Civil Engineering Amendment



Coastland Civil Engineering prepared the plans & specifications for the project in conjunction with City Engineering Division staff

- Original design/engineering services contract for \$25,000
- Increase of \$97,000 for a new total of **\$122,000**
- Requesting to add funding for pre-construction and construction phases
- Funded out of CIP Account No. 951094 (Water Meter Replacement)

Recommendation



- A. Adopt a resolution approving the plans and specifications for the Cellular Water Meter Replacement Project and authorizing advertisement for bids on the project.

- B. Adopt a resolution authorizing the use of specialized equipment from Badger Meter, Inc. with the finding that it is in the best interest of the City.

- C. Authorize the City Manager to amend the Professional Services Agreement with Coastland Civil Engineering of Auburn, CA, subject to approval as to form by the City Attorney, in the amount of \$97,000 for a total contract amount of \$122,000 to provide additional pre-construction data analysis/integration and engineering services during construction for the Cellular Water Meter Replacement Project, with the finding that it is in the best interest of the City.



Questions?