



AGENDA SUMMARY EUREKA CITY COUNCIL

TITLE: Water Meter Lid Purchase

DEPARTMENT: Public Works

PREPARED BY: Brian Issa, Deputy Public Works Director

PRESENTED FOR: Action Information only Discussion

RECOMMENDATION

1. Approve the purchase of 3650 lids from Badger Meter at a total cost of \$353,478.38

FISCAL IMPACT

No Fiscal Impact Included in Budget Additional Appropriation

COUNCIL GOALS/STRATEGIC VISION

- Effective governance
- Fiscal responsibility

DISCUSSION

With over 10,000 accounts, the City's water metering system is composed of a chain of components that measure, translate and relay usage information from the field to the City's billing system. These components include the meter box and lid. Most meters are located in meter boxes with a removable lid which may be made of a variety of materials.

As previously discussed with Council, the City is currently moving to a cellular based solution whose transmitters differ considerably from our current system. The cellular endpoints transmit on a different frequency, with higher power (they have to talk to a tower that isn't close by) and provide for two-way communications. These transmitters will talk to the tower and if the tower doesn't talk back, the endpoint will increase signal power until it does. This can drastically shorten battery life.

Due to these properties, the manufacturer recommends that these units be surface mounted in non-ferrous lids. Staff have sourced retrofit kits and replacement lids from our meter supplier which work for this purpose. We are currently out of several sizes of

lids and need to make a substantial purchase to cover the 3500 registers we have on hand.

Pursuant to Eureka Municipal Code (EMC) § 39.41(A), sole source procurement is appropriate for this purchase because it allows for compatibility with existing City equipment and systems. Staff proposes to place an order to purchase 3650 lids in several sizes to meet the City's near-term needs. The total purchase amount is \$353,478.38.

REVIEWED AND APPROVED BY:

- City Attorney
- City Clerk/Information Technology
- Community Services
- Development Services
- Finance
- Fire
- Human Resources
- Police
- Public Works