

City of Minneapolis

Request for Committee Action

To: Transportation & Public Works
Date: 8/8/2016
Referral: Ways & Means
From: Public Works Department
Lead Staff: Brittany Pentek, Matissa Koubonou, Water Treatment and Distribution Services
Presented by: Glen M. Gerads, Director, Water Treatment and Distribution Services
File Type: Action
Subcategory: RFP

Subject:

Request for Proposals for Advanced Metering Infrastructure (AMI)

Description:

Authorizing the issuance of a Request for Proposals for Advanced Metering Infrastructure (AMI).

Previous Actions:

None.

Ward/Address:

All Wards

Background/Analysis:

The City's residential water meters are reaching the end of their useful life. The necessary replacement of these water meters provides the opportunity to modernize the associated meter reading infrastructure (both residential and commercial) that reads and collects meter reads.

Presently water meters are read on a monthly basis by a combination of a drive-by radio read system and an antiquated telephone read system.

The design and implementation of an Advanced Metering Infrastructure (AMI) system allows the real time collection of meter reads which has the following potential value-added benefits:

- Reduced meter reading costs (long term)
- Improved information for billing customer service representatives during interaction with customers
- Improved water conservation messaging
- Enhanced customer services including leak detection, backflow monitoring, and potential select remote water turn off/on.
- Augmented water system management information for reduction of unaccounted water

Water Treatment and Distribution Services contracted with EMA, Inc. to develop a RFP for an AMI system that includes the design and construction of a fixed network and includes an initial installation of 17,000 meters (meters purchased directly by the City) and meter reading endpoints over a three year period. The remaining 83,000 meters and meter reading endpoints will be installed by City staff over the subsequent five year period.

Financial Review:

No additional appropriation required, amount included in current budget.

(Will be presented to PRC Team Aug 11) Approved by the Permanent Review Committee.

Enter SUPB goals explanation.