



City Council Report

Date: August 18, 2014
To: City Council
Through: Alex Deshuk, Manager of Technology and Innovation
From: Edward Quedens, MPA, C.P.M., CPPO, Business Services Director
Matt Bauer, MBA, CPPO, CPPB, CPSM, Procurement Administrator
Subject: Purchase of Software for Water Asset Management and Licensing and Maintenance for the Water Resources Department **(Partially funded by the Capital Budget) (Sole Source) (Citywide)**

Purpose and Recommendation

Council is requested to approve the contract for the purchase of InfoMaster Water software, licensing and annual Maintenance as recommended.

Water Resources and Purchasing recommend awarding the contract to the sole source vendor, Innovyze, Inc. at \$52,827.00, based on estimated requirements.

Background / Discussion

City of Mesa has approximately 2,400 miles of active waterlines and spends approximately \$12 million per year for the replacement of aging waterlines. Unlike a wastewater system it is not feasible to put a video camera inside of a small diameter (less than 16") pressurized waterline to see the pipe condition. Therefore, it is important to be able to use statistical modeling to be able to more accurately predict pipeline failure. For large diameter pipes that are pre-stressed concrete cylinder pipe (PCCP) and bar-wrapped concrete cylinder pipe (CCP) the City has an inspection/assessment program of approximately \$1 million annually which only covers inspecting a small portion of the large diameter pipes.

Due to the high cost of inspection, it is important that the City prioritizes which lines to inspect. InfoMaster accurately estimates both the likelihood and consequence of failure for each individual pipe in the network. This critical information facilitates a proactive approach to identifying and managing these high-risk assets to help preserve structural integrity and keep the network operating. It allows the City to better prioritize large main waterline inspections and replacement of aging infrastructure.

Water Resources currently owns proprietary InfoSuite products from Innovyze, including InfoSurge, InfoWater, InfoWater UDF and InfoMaster Sewer. Adding InfoMaster Water to these asset management tools will enhance productivity and provide a powerful tool to explore more alternatives for waterline rehabilitation. The InfoSuite software all works together and requires ongoing annual licensing and maintenance support. In December 2013, Water Resources purchased InfoMaster Sewer to update their current wastewater asset management system to an ArcGIS platform to interface with their other ArcGIS based databases (Contract 2014103). The current licenses for all asset management tracking of underground pipes expired 8/14/2014; software licensing and maintenance will be a part of this purchase.

Water Resources now requests to purchase InfoMaster Water software from Innovyze, Inc. This software is a useful tool essential to water asset management and utilizing it with the other Innovyze, Inc. software allows InfoMaster to link directly with the other InfoWater modeling software to be able to run different scenarios to assess the consequences of failure. This is a key aspect that differentiates InfoMaster from other software -- it is unique and there is no comparable software available on the market.

Innovyze, Inc. is the sole and exclusive developer, owner and distributor of the InfoMaster Water software.

Alternatives

Council may choose not to authorize the purchase and new responses will be solicited.

Fiscal Impact

This purchase will include the one-time license fee for InfoMaster Water software and its annual subscription fee (for technical support and software updates) plus taxes for the amount of \$30,827.00. This project is funded by the capital budget.

Additionally, this purchase will also include software licensing and maintenance for InfoMaster Water; and InfoSurge, InfoWater, InfoWater UDF and InfoMaster Sewer Suites, including taxes for the amount of \$22,000.00. This project is funded by the Water Resources department operating budget.

Coordinated With

Water Resources and Purchasing

PURCHASING INFORMATION

Action: Award

Procurement Type: Sole Source

Solicitation Number: 2015028

Protests Received: None

Pricing Available to Other Cooperative Agencies: Yes

AWARD RECOMMENDATION

Innovyze
Arcadia, CA

Description	
InfoMaster Desktop Water Floating	\$25,000.00
Gold Maintenance Subscription Program	<u>\$4,000.00</u>
Sub Total	\$29,000.00
Tax	<u>\$1,827.00</u>
Total	<u>\$30,827.00</u>
Annual Software License and Maintenance for InfoMaster Water	\$4,000.00
InfoSurge, Info Water, Info Water UDF and InfoSewer Suites	<u>\$18,000.00</u>
Total	<u>\$22,000.00</u>
Total Contract Amount: <u>\$52,827.00</u>	