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CITY OF SANTA BARBARA COUNCIL AGENDA REPORT

AGENDA DATE: September 27, 2016

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Purchase Of Advanced Asset Management And Capital Planning Software For Wastewater Collection System

RECOMMENDATION:

That Council authorize the Public Works Director to execute a City Professional Services Contract with Innovyze for the acquisition and training of InfoMaster software in the amount of \$49,500, and authorize the Public Works Director to approve expenditures of up to \$4,950 for extra services of Innovyze that may result from necessary changes in the scope of work during the implementation.

DISCUSSION:

The City of Santa Barbara owns and operates a 257-mile municipal wastewater collection system. Sewer mains in this system range in size from 6 to 42 inches in diameter. In order to minimize the occurrence of sanitary sewer overflows, it is imperative that sewer system management activities are conducted efficiently and effectively. Staff has identified opportunities for better use of technology for planning and assessing the Wastewater Collection System.

On October 8, 2013, Council awarded a contract with Water Systems Consulting, Inc., (WSC) to prepare a system-wide hydraulic model of the wastewater system. As part of the work, WSC assessed the City's existing sewer system computer model, which was developed using Innovyze's H20Map Sewer software, and updated it using Innovyze's InfoSewer platform. Innovyze is one of the leading providers for water and wastewater infrastructure business analytics software solutions.

As part of that work effort, staff discussed opportunities to leverage additional Innovyze software products such as InfoMaster, an ArcGIS-based asset integrity management and capital planning software, to augment current work practices. At that time, staff decided to only implement InfoSewer, the sewer modeling software, with the intent to reassess additional software needs in the future.

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Staff has recently evaluated the need for automating the wastewater collection system Condition Assessment Program and recommends procurement of Innovzye's InfoMaster software. InfoMaster is a risk-based rehabilitation planning software that integrates with Cartegraph, the City's Computerized Maintenance Management System, along with InfoSewer and our closed circuit television data. It will help automate the repair, rehabilitation, and replacement process, as well as future condition assessment scheduling. InfoMaster software will save staff time and reduce human errors by performing routine tasks that can be automated, provide documentation on repair, rehabilitation and replacement decision making, and allow staff to better prioritize sewer pipes with the greatest risk and consequence of failure.

BUDGET/FINANCIAL INFORMATION:

The total contract amount is \$54,450, which includes \$34,500 for software procurement and licensing, \$15,000 for customized training and implementation, and \$4,950 for any extra services costs that may arise. In addition, the City will be required to pay an annual software licensing fee at approximately \$4,500 per year.

There are adequate appropriated funds in the Wastewater Operating Fund for this purchase.

PREPARED BY: Lisa Arroyo, Wastewater System Manager/mh

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office