



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: September 16, 2014

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Contract For Development Of Wastewater Collection System Strategic Management Program – Phase V

RECOMMENDATION:

That Council authorize the Public Works Director to execute a contract with Brown and Caldwell in the amount of \$141,131 for wastewater collection system maintenance related business process development and related Sewer System Management Plan update, and to approve expenditures of up to \$14,113 for extra services that may result from necessary changes in the scope of work, for a total of \$155,244.

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. To minimize the occurrence of sanitary sewer overflows from this system, 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.

The City issued a Request for Proposals and received three proposals from engineering firms interested in performing this business process development and related work. On October 21, 2010, staff, along with a Water Commissioner, interviewed these three qualified firms. From this competitive process, Brown and Caldwell was selected as the most qualified consultant for this work effort. In the past four years, Brown and Caldwell has completed four contract phases of work, totaling \$855,851.

The City has focused on improving Wastewater Collection system asset management activities related to: system-wide cleaning maintenance; capital asset prioritization of sewer repair, sewer rehabilitation and replacement; Fats-Oil-Grease inspection program planning and scheduling; pump station condition assessment; and required regulatory agency documentation updates.

The proposed Phase V Contract scope of work will consist of consultant professional services support for:

- Capital Improvement Program (CIP) related closed circuit television data review and sewer main prioritization, and selection for upcoming CIP project work;
- Cartegraph software computer maintenance management program (CMMS) scheduling and related planning activity improvements and updates;
- Mobile technology implementation support for field crew work associated with CMMS-related maintenance work completion, documentation, and analyses; and
- Sewer Lateral Inspection Program (SLIP) Cartegraph software end-user improvements and related GIS sewer lateral mapping improvements.

At its meeting on July 14, 2014, the Board of Water Commissioners voted 5-0-0 to concur with staff's recommendations.

BUDGET/FINANCIAL INFORMATION:

This project has been anticipated, and there are adequate appropriated funds in the Wastewater Capital Fund for this professional consultant work.

SUSTAINABILITY IMPACT:

Business process changes in wastewater collection system management and related planning activities will result in more efficient heavy vehicle usage, allowing the City to reduce vehicle fuel consumption and greenhouse gas emissions over time.

PREPARED BY: Christopher Toth, Wastewater System Manager/CJT/mh

SUBMITTED BY: Rebecca J. Bjork, Public Works Director

APPROVED BY: City Administrator's Office