

DRAFT**ITEM 13**

CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: January 15, 2013

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

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

RECOMMENDATION:

That Council authorize the Public Works Director to execute a contract with Brown and Caldwell, in the amount of \$309,219 for Wastewater Collection system maintenance-related business process development and related Sewer System Management Plan update, and authorize the Public Works Director to approve expenditures of up to \$30,922 for extra services of Brown and Caldwell that may result from necessary changes in the scope of work, for a total of \$340,141.

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 from this system, it is imperative that sewer system management activities are conducted efficiently and effectively. Staff has identified that there are opportunities to be gained through better utilization of technology to both plan and assess its current Wastewater Collection system Capital Improvement Program project and maintenance work.

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. Brown and Caldwell now has completed three contract phases of work totaling \$604,454 over the past two years. The City has focused on improving Wastewater Collection system asset management activities related to: system-wide cleaning maintenance; capital asset prioritization of sewer

repair, rehabilitation and replacement; Fats-Oil-Grease inspection program planning and scheduling; pump station condition assessment; and related regulatory agency-required documentation updates.

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

- Wastewater Collection System Work Plan and Sewer System Management Plan documentation update and finalization;
- Food Service Establishment Inspection Program process updates and related Cartegraph computer maintenance management program (CMMS) scheduling and compliance activity improvements and updates;
- Capital Improvement Program-related (CIP) closed circuit television data review and sewer main prioritization and selection for upcoming CIP project work.
- Sanitary Sewer Overflow (SSO) Program process updates and related Cartegraph computer maintenance management program (CMMS) scheduling and compliance activity improvements and updates;
- Priority Process Improvements related to Pipe Repair/Rehabilitation/Replacement and related closed-circuit television (CCTV) activities;
- Mobile technology selection and implementation for field crew work associated with CMMS-related maintenance work completion, documentation, and analyses; and
- Sewer main cleaning process activity support, cleaning schedule CMMS database adjustments, and related activities.

At their meeting on November 12, 2012, the Board of Water Commissioners voted x-x-x to concur with staff's recommendations.

BUDGET/FINANCIAL INFORMATION:

This project was 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/avb

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office