



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: August 14, 2012

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Contract For Concrete Assessment Services At El Estero Wastewater Treatment Plant

RECOMMENDATION:

That Council authorize the Public Works Director to execute a City Professional Services contract with Coffman Engineers in the amount of \$137,264.00 for engineering and scientific assessment services for the evaluation of the existing concrete structures, buildings, and walls at the El Estero Wastewater Treatment Plant, and authorize the Public Works Director to approve expenditures of up to \$13,726.40 for extra services of Coffman Engineers that may result from necessary changes in the scope of work.

DISCUSSION:

BACKGROUND

El Estero Wastewater Treatment Plant (EEWWTP) was built in the 1970's. Minimal routine maintenance on the existing concrete structures has been performed over the years and cracking, sprawling, and other deterioration indicators are becoming apparent. An assessment is needed of EEWWTP's existing concrete structures, buildings, and walls to determine long-term maintenance needs.

The City submitted requests for proposals to qualified firms and received four proposals from engineering firms interested in performing the engineering and scientific assessment. Staff reviewed and rated the four firms and recommended Coffman Engineers to perform this work. Coffman's experience, proposed testing methods, and detailed project approach were deemed the most desirable, and Coffman's proposed fee for services was found to be competitive.

PROJECT DESCRIPTION

The work consists of conducting a conditions assessment of the existing concrete structures, buildings, basins, tanks, and walls at the EEWWTP. The assessment will

include an evaluation of the existing physical structures of the EEWWTP along with recommendations for, and prioritization of, needed improvements. The City's Capital Improvement Plan includes future funding for upgrades or replacement of these physical assets. Staff is developing a plan to determine the best approach for lifecycle management of these assets in the short, mid, and long term. This assessment will support the plan development process.

Coffman Engineers have a staff with leading technical expertise in the industry to evaluate the structural integrity of the existing concrete structures at a wastewater treatment plant. They will provide detailed analysis and options for repairs and upgrades. After staff receives the final recommendations from the assessment, staff may proceed with subsequent capital project work for future Council action.

BUDGET/FINANCIAL INFORMATION

The project was anticipated and there are adequate appropriated funds in the Wastewater Capital Fund for the professional engineering and scientific assessment work.

PREPARED BY: Christopher Toth, Wastewater System Manager/AF/avb

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office