



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** September 20, 2016

**TO:** Mayor and Councilmembers

**FROM:** Engineering Division, Public Works Department

**SUBJECT:** Contract For Design Of El Estero Wastewater Treatment Plant Solids Handling Process Improvements Project

### **RECOMMENDATION:**

That Council authorize the Public Works Director to execute a City Professional Services contract with Carollo Engineers, Inc., in the amount of \$299,940 for design services of the El Estero Wastewater Treatment Plant Solids Handling Process Improvements Project, and authorize the Public Works Director to approve expenditures of up to \$29,994 for extra services of Carollo Engineers, Inc., that may result from necessary changes in the scope of work.

### **DISCUSSION:**

#### Background

The El Estero Wastewater Treatment Plant (El Estero) provides wastewater treatment for the City of Santa Barbara and serves a population of approximately 95,000. It is a secondary treatment facility, permitted for 11 Million Gallons per Day (MGD), but currently processes approximately 6 MGD due to extraordinary water conservation efforts by the Santa Barbara community.

Recently, a conceptual plan was developed to improve the biosolids process. Staff is seeking a Clean Water State Revolving Fund Loan to finance this \$30 Million capital improvement project; however it will be several years before final design is completed and construction begins.

#### Project Description

Staff identified several improvements which would benefit El Estero's operation in preparation for the larger biosolids improvements project. These improvements are combined into the El Estero Wastewater Treatment Plant Fiscal Year 2017 Improvement

Project (Project). The work for this Project consists of improvements to provide pumping flexibility, creating an interim vector dump station, evaluation and rehabilitation of manholes, and installation of a containment area around the digester mixing pumps.

Design Phase Consultant Engineering Services

Staff recommends that Council authorize the Public Works Director to execute a contract with Carollo Engineers, Inc., (Carollo) in the amount of \$299,940 for design, and \$29,994 for potential extra services, for a total amount of \$329,934. Carollo was selected as part of a Request for Proposals process that included several qualified firms.

Funding

The following summarizes all estimated total Project costs:

**ESTIMATED TOTAL PROJECT COST**

Design (by Contract)	\$329,934
Other Design Costs - City staff (if contract), Environmental (Assessments, etc.)	\$32,723
<b>Subtotal</b>	<b>\$362,657</b>
Estimated Construction Contract w/Change Order Allowance	\$2,442,000
Estimated Construction Management/Inspection (by Contract and City)	\$118,427
Estimated Other Construction Costs (testing, contaminated soils etc.)	\$12,000
<b>Subtotal</b>	<b>\$2,572,427</b>
<b>TOTAL PROJECT COST</b>	<b>\$2,935,084</b>

There are sufficient appropriated funds in the Wastewater Capital Fund to cover design costs.

**PREPARED BY:** Linda Sumansky, Principal Civil Engineer/PM/mh

**SUBMITTED BY:** Rebecca J. Bjork, Public Works Director

**APPROVED BY:** City Administrator's Office