



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** December 10, 2013

**TO:** Mayor and Councilmembers

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

**SUBJECT:** Contract For Design Of Lift Station Improvement Project

### **RECOMMENDATION:**

That Council authorize the Public Works Director to execute a City Professional Services contract with MNS Engineers in the amount of \$188,350 for design services for the Lift Station Improvement Project, and authorize the Public Works Director to approve expenditures of up to \$18,835 for extra services of MNS Engineers that may result from necessary changes in the scope of work.

### **DISCUSSION:**

#### **BACKGROUND**

In 2012, Brown and Caldwell (BC) prepared a Lift Station and Force Main Condition Assessment Report (Report) for the City's seven wastewater collection system lift stations. This Report identified recommended improvements to lift stations and force mains, prioritized the improvements, and made repair recommendations.

Based on the BC Report, staff proposes to install new redundant parallel force mains at the La Colina, Via Lucero, and El Camino De La Luz lift stations. Currently, these force mains pose a high risk of failure due to their age and materials. Following installation of these new redundant parallel force mains, the City can assess and rehabilitate the original force main if needed.

In addition, the Braemar Lift Station is the most critical Lift Station in the City due to its high flows and proximity to Arroyo Burro Creek. The force main is relatively new and constructed of a non-corrosive material; however, staff proposes to replace the existing abandoned force main using a pipe-bursting method. This will allow for redundancy at the Braemar Lift Station.

**DESIGN PHASE CONSULTANT ENGINEERING SERVICES**

Staff recommends that Council authorize the Public Works Director to execute a contract with MNS Engineers (MNS) in the amount of \$188,350 for final design services, with \$18,835 for potential extra services, for a total amount of \$207,185.

MNS was selected through a Request for Proposal process to provide wastewater design services for a two-year time and materials contract. The cost of services for this project is outside the range reported to Council for the time and materials contract; therefore, a separate contract is proposed for this work.

**COMMUNITY OUTREACH**

It is anticipated that there will be two methods used for Community Outreach during the design and construction phases. Mailers will be sent out two to three months ahead of construction to alert residents of the pending work. During construction, door hangers will be used to communicate with those directly impacted by the work.

**FUNDING**

The following summarizes all estimated total Project costs:

**ESTIMATED TOTAL PROJECT COST**

Design (by Contract)	\$207,185
Other Design Costs - City staff (if contract), Environmental (Assessments, etc.)	\$95,426
<b>Subtotal</b>	<b>\$302,611</b>
Estimated Construction Contract w/Change Order Allowance	\$1,049,686
Estimated Construction Management/Inspection (by Contract or City)	\$143,139
<b>Subtotal</b>	<b>\$1,192,825</b>
<b>TOTAL PROJECT COST</b>	<b>\$1,495,436</b>

There are sufficient appropriated funds in the Wastewater Fund to cover these design costs. The project will be constructed in phases to match current and future year budgeted appropriations.

The Board of Water Commissioners is scheduled to hear this item at its December 9, 2013 meeting.

**PREPARED BY:** Lisa Arroyo, Supervising Civil Engineer/sk

**SUBMITTED BY:** Rebecca Bjork, Acting Public Works Director

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