



# CITY OF SANTA BARBARA

## COUNCIL AGENDA REPORT

**AGENDA DATE:** October 28, 2008

**TO:** Mayor and Councilmembers

**FROM:** Water Resources Division, Public Works Department

**SUBJECT:** Contract For Water Supply Planning Study

### **RECOMMENDATION:**

That Council authorize the Public Works Director to execute a contract with Carollo Engineers in the amount of \$193,900 for preparation of a water supply planning study to provide data needed for the City's Long Term Water Supply (LTWSP) update, and authorize the General Services Manager to approve expenditures of up to \$19,390 for extra services of Carollo Engineers that may result from necessary changes in the scope of work.

### **DISCUSSION:**

The proposed water supply study is one of a number of technical analyses being done in support of updating the City's LTWSP. The City's LTWSP updated at twenty year intervals and is a support document to the Plan Santa Barbara process. The purpose of the LTWSP is to analyze water supplies and predicted demand in order to allow the City to manage its supplies in such a manner that there will be a reliable supply of water for the twenty year planning period. The proposed study will provide technical information and data for staff to use in the drafting of the LTWSP update. The objectives of the study are to:

- Assess options for expanded use of the City's existing recycled water system, including analysis of system constraints and evaluation of opportunities to expand the system to serve additional areas.
- Assess the City's current Water Conservation Program, identify new conservation opportunities and new customer subgroups to be targeted, and evaluate these opportunities in terms of feasibility, program costs, customer interest/marketability, and water savings potential.
- Evaluate the reliability of State Water Project deliveries and explore opportunities for improving reliability.
- To the extent possible, determine the current state of research on the status of climate change and its potential to affect the City's water supply.

- Evaluate the City's overall water supply program, including potential water management strategies, optimization of various supply sources, and enhancement of supply reliability.

Staff issued a Request For Proposals (RFP) to a number of firms who perform this type of work. The distribution list included known experts in the field of water conservation, in addition to engineering and planning firms, with the goal of encouraging multi-disciplinary teams. A team consisting of staff and two members of the Water Commission evaluated the proposals for team qualifications, understanding of the project, and responsiveness to the RFP. Of the three proposals received and evaluated, the proposal by Carollo Engineers was selected as the one that best addressed the particular needs of the City on this project.

**SUSTAINABILITY IMPACT:**

Water supply reliability is critical for Santa Barbara residents. The proposed study will update water supply reliability related to State Water and climate change issues and provide important information on opportunities to expand the roles of conservation and recycled water in the City's water supply.

**BUDGET/FINANCIAL INFORMATION:**

On October 13, 2008 the Water Commission voted 4/0 to support staff's recommendation. Funds for the study are available in the 2009 Water Fund Operating Budget.

**PREPARED BY:** Rebecca Bjork, Water Resources Manager BF/spm

**SUBMITTED BY:** Christine F. Andersen, Public Works Director

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