



Agenda Item No. _____

File Code No.

DRAFT CITY OF SANTA BARBARA

ITEM 5

COUNCIL AGENDA REPORT

AGENDA DATE: December 4, 2012

TO: Mayor and Councilmembers

FROM: Water Resources Division, Public Works Department

SUBJECT: Contract for Technical Services for the CII Water Use Survey and Incentive Program

RECOMMENDATION: That Council:

- A. Authorize the Public Works Director to execute a contract with Maddaus Water Management in the amount of \$64,000 for technical services for the Commercial, Industrial, and Institutional (CII) Water Use Survey and Custom Incentive Water Conservation Program, and authorize the Public Works Director to approve expenditures of up to \$6,400 for extra services of Maddaus Water Management that may result from necessary changes in the scope of work.
- B. Authorize the City General Services Manager to renew the Purchase Order with the Maddaus Water Management through Fiscal Year 2014, subject to Council approval of the annual Water Fund budget.

DISCUSSION:

BACKGROUND

The City's Long Term Water Supply Plan water conservation policy states that the City will operate a water conservation program aimed at minimizing the use of potable water supplies, meeting the requirements of the California Urban Water Conservation Council Best Management Practices, and achieving compliance with 20 X 2020 per capita water use limitations. The CII Water Use Survey and Custom Incentive Water Conservation Program (CII Program) was developed through the technical analysis and modeling of the City's Water Conservation Program to develop cost effective water conservation measures. City staff has conducted "Level 1" water use surveys (water check-ups) for commercial water customers for many years and has found them to be an effective tool for water conservation. As part of the Water Conservation Program technical analysis it was determined there is a potential for significant water savings by conducting "Level 2" water use surveys focused on the City's highest water using CII customers. These surveys will require a trained technical professional.

PROJECT DESCRIPTION

The CII Program will consist of the City offering CII water use surveys and custom incentives to targeted high water using CII customers within the City's water service area. Maddaus Water Management will provide water use efficiency experts to conduct an on-site water use survey of program participant's site. City staff will team with Maddaus Water Management to perform surveys and will be trained to conduct "Level 2" water use surveys for the future. The surveys will determine potential methods and/or equipment the business can employ to reduce their site's water consumption which will be specific to the type of business being evaluated. Maddaus Water Management will provide the business with a written report detailing specific water efficiency opportunities to make their on-site operations more efficient. Once the survey has been completed, the City, with assistance from Maddaus Water Management, will analyze the recommended project's cost benefit ratio to determine if the site qualifies for a financial incentive. Incentives of up to \$5,000 per site will be provided to help offset the cost of needed water conservation improvements. The goal is for the CII customer to implement the suggested conservation methods and, therefore, reduce their potable water consumption.

Maddaus Water Management was selected as part of an RFP process that included requesting proposals from eight qualified firms in California. Maddaus Water Management was the only firm the submitted a proposal to the City. The feedback staff received from firms who did not respond to the RFP was that it wasn't cost effective for the firm to offer their services due to the City's small number of CII customers eligible for a "Level 2" water use survey and the travel time.

Staff also recommends approval for the General Services Manager to renew the Purchase Order for the Purchase Order with the Maddaus Water Management through Fiscal Year 2014, subject to Council approval of the annual Water Fund budget so that the program can be continued for another year.

The Water Commission reviewed the proposal on November 12, 20012 and voted to _____.

SUSTAINABILITY IMPACT:

The goal is to complete ten surveys at the City's highest water using CII customers and offer cost effective incentives to those ten sites. CII Program is cost effective based on the technical analysis performed on the City's Water Conservation Program and estimated water savings is 19 acre feet per year which is the amount of water used by 57 typical families in a year.

FINANCIAL INFORMATION:

Funding for this program was included in the Fiscal Year 2013 Water budget.

PREPARED BY: Rebecca Bjork, Water Resources Manager AJ/

SUBMITTED BY: Christine F. Andersen, Public Works Director

APPROVED BY: City Administrator's Office