



# REPORT TO COUNCIL

## City of Sacramento

9

915 I Street, Sacramento, CA 95814-2671  
www. CityofSacramento.org

Consent Item  
**November 29, 2005**

Honorable Mayor and  
Members of the City Council

**Subject:** Approve Supplemental Agreement No. 1 with CH2M Hill to Assist with the Implementation of the Asset Management Program (PN:ZK61)

**Location/Council District:** Citywide

**Recommendation:**

Adopt a Resolution authorizing the City Manager to execute Supplemental Agreement No. 1 with CH2M Hill in an amount not to exceed \$25,000.

**Contact:** Dave Brent, Engineering Manager, 808-1420

**Presenters:** Not Applicable

**Department:** Utilities

**Division:** Engineering Services

**Organization No:** 3331

**Summary:**

The Department of Utilities is implementing an asset management program, referred to as the Infrastructure Rehabilitation and Management Program (IRAMP) that will result in a strategic plan for the life-cycle replacement and maintenance of the City's water, sewer and drainage infrastructure. In February 2004, CH2M Hill was retained to assist with the development of the IRAMP and a supplemental agreement is being requested for CH2M Hill to continue assisting the Department in deployment of the IRAMP.

**Committee/Commission Action:** None.

**Background Information:**

The purpose of the Department's asset management program (IRAMP), is to assure the cost effective and efficient management and replacement of the City's water, sewer and drainage infrastructure. The IRAMP includes an extensive evaluation of the three systems to identify the most critical infrastructure based on factors such as health and safety, economic impacts, and protection of the environment. Criticality of infrastructure



coupled with its condition and maintenance costs will be used to make decisions on top priority CIP's and expenditure of maintenance resources. Ultimately, IRAMP will result in a strategic management plan for rehabilitating, replacing and maintaining the City's aging infrastructure while meeting the demands of growth and increasing regulations.

CH2M Hill was selected to assist the Department of Utilities with the development of the IRAMP in February, 2004. To date, CH2M Hill has helped develop a condition assessment program that has been used to evaluate the condition and expected life-cycle of above ground assets, primarily pump stations. CH2M Hill also researched methodologies for ranking critical infrastructure and worked closely with Department of Utilities staff in developing critical infrastructure ranking procedures tailored specifically for the City's water, sewer and drainage systems.

Condition assessment of the above ground assets has been completed and a condition assessment database has been created. Large portions of the water and sewer infrastructure have been processed through the critical infrastructure ranking system and an initial ranking of the City's critical water and sewer infrastructure has been completed.

The original contract amount with CH2M Hill was \$95,000. A supplemental agreement for an additional \$25,000 is being requested for continued assistance with the GIS mapping needs and database development for critical infrastructures and condition assessment information. The supplemental agreement may also allow CH2M Hill to assist the Department in researching techniques for evaluating the condition of underground pipes.

#### **Financial Considerations:**

Supplemental Agreement No. 1 with CH2M Hill is for an amount not to exceed \$25,000. Sufficient funds are available in the Water Fund Asset Management Program (PN:ZK61, Fund 413) to cover the cost of this Supplemental Agreement.

#### **Environmental Considerations:**

This is an engineering study to collect data for evaluation of the City's critical water and sewer infrastructure, and is categorically exempt from California Environmental Quality Act (CEQA) requirements. CEQA Guideline section 15306 exempts actions associated with information collection and evaluation. The City's Environmental Planning Services will oversee the environmental review and documentation per CEQA of any construction project that may result from these consultant studies. The information collection and evaluation does not affect any environmental resource.

#### **Policy Considerations:**

The Infrastructure Rehabilitation and Management Program will prioritize CIP projects and maintenance resources in the most cost-effective manner and assure that funds will

be expended on the most critical needs. This program is consistent with the City's Strategic Plan Goal of achieving sustainability and livability.

**Emerging Small Business Development (ESBD):**

CH2M Hill is not an ESBE.

Respectfully Submitted by:   
David L. Brent  
Engineering Manager

Approved by:   
Gary A. Reents  
Director of Utilities

Recommendation Approved:

*For*   
ROBERT P. THOMAS  
City Manager

Table of Contents:  
Pg. 1-3 Report  
Pg. 4 Resolution

**RESOLUTION NO. 2005-**

Adopted by the Sacramento City Council

November 29, 2005

**APPROVING A SUPPLEMENTAL AGREEMENT WITH CH2M HILL FOR IMPLEMENTAION  
OF AN ASSET MANAGEMENT PROGRAM**

**BACKGROUND**

- A. The purpose of the Department's Asset Management program is to assure the cost-effective and efficient management and replacement of the City's water, sewer and drainage infrastructure.
- B. To date CH2M Hill, working closely with the Department of Utilities staff, has developed a condition assessment program to evaluate the condition and expected life-cycle of above ground assets.
- C. The original contract amount was \$95,000 approved in February, 2004. The additional amount of \$25,000 is being requested to assist the department in compiling a database for critical infrastructure and recommending techniques to evaluate the condition of underground pipes.

**BASED ON THE FACTS SET FORTH IN THE BACKGROUND, THE CITY COUNCIL  
RESOLVES AS FOLLOWS:**

- Section 1. The City Manager is authorized to execute a supplemental consultant services agreement with CH2M Hill for an amount not to exceed \$25,000.