



REPORT TO COUNCIL

City of Sacramento

915 I Street, Sacramento, CA 95814-2604
www.CityofSacramento.org

Consent
November 27, 2007

Honorable Mayor and
Members of the City Council

Title: Supplemental Agreement No. 1: Oak Park Sewer Diversion Pre-Design Study (XN30)

Location/Council District: 6

Recommendation: Adopt a **Resolution** authorizing the City Manager to execute Supplemental Agreement No. 1 to City Agreement No. 2007-0397 with Camp, Dresser and McKee, Inc. to complete Phase 2 of the Oak Park Sewer Pre-Design Study (XN30) for an amount not to exceed \$108,386.

Contact: David L. Brent, Engineering Services Manager, 808-1420; Rick Batha, Supervising Engineer, 808-1448

Presenters: N/A

Department: Utilities

Division: Engineering Services

Organization No: 3332

Description/Analysis

Issue: On April 26, 2007, the Department of Utilities (DOU) approved a Consultant and Professional Services Agreement for Design Services with Camp, Dresser and McKee (CDM) for Phase 1 of the Oak Park Sewer Diversion study for a not to exceed fee of \$43,925. The purpose of Phase 1 was to study the jurisdictional feasibility of diverting sanitary sewer flows from the combined sewer system (CSS) into either CSD-1 or Sacramento Regional County Sanitation District facilities. The Phase 1 study is complete and the DOU has determined that the diversion project is feasible from a jurisdictional standpoint.

The Phase 2 study would authorize CDM to complete an alignment study, develop sump connection details, locate potential utility conflicts, estimate construction costs, prepare a final report, and determine if the diversion is feasible and cost effective.

Policy Considerations: The report's recommendation is consistent with the Combined System Improvement Plan adopted by City Council to reduce impacts on downstream drainage components of the CSS.

Environmental Considerations: This project is exempt from the requirements of the California Environmental Quality Act (CEQA), pursuant to Section 15262 of the CEQA guidelines.

Financial Considerations: The not to exceed amount for Phase 1 of the current Consultant and Professional Services Agreement for Design Services with Camp, Dresser and McKee, Inc. is \$43,925. The estimated cost of the Supplemental Agreement No. 1 with Camp, Dresser and McKee, Inc. to complete Phase 2 of the feasibility study is \$108,386. Sufficient funds are available in the existing budget to award and complete the project.

Emerging Small Business Development (ESBD): Camp, Dresser and McKee, Inc., is not certified in the City as an Emerging Business Enterprise.

Respectfully Submitted by: 
David L. Brent
Engineering Manager

Approved by: 
Gary A. Reents
Director of Utilities

Recommendation Approved:

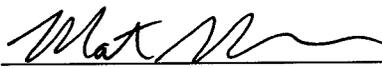

Ray Kerridge
City Manager

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Attachment 1**Background**

The City's combined sewer system (CSS) collects and conveys both storm water and sanitary sewer flows from approximately 7,500 acres of land within the Downtown, East Sacramento, Oak Park and Land Park areas of the city. The CSS is generally oversized with respect to sanitary sewer flows, but the capacity of the CSS is often exceeded during heavy storm events, which leads to combined sewer overflows (CSO's) and out flows.

The City Council adopted the Combined System Improvement Plan that includes the construction of facilities intended to divert and/or temporarily store peak sewage and storm drainage flows and reduce impacts on the downstream components of the CSS. To date the City has installed two off-line storage projects (42nd Street Storage and Pump Station Improvements and the UCD Med Center Regional Storage Project) and several in-line storage projects (Tahoe Park/Broadway Parallel Sewer, Land Park Relief Sewer, and East End Project Relief Sewer).

The subject Oak Park Sewer Diversion pre-design study is another step in the Department of Utilities continuing effort to reduce sanitary sewer and storm drainage flows to the CSS and, thus, the frequency of CSO's and CSS out flows. The study will investigate diverting sanitary sewer flows from the CSS at Sumps 32 and 48 to the nearby CSD-1 or Sacramento Regional County Sanitation District (SRCSD) pump stations. Diversion of the sanitary sewer flows will increase the capacity of the downstream CSS to convey runoff during heavy storm events. See Attachment 2.

The City previously contracted with West Yost Associates to provide a preliminary engineering design of the Oak Park Storage facility, which is intended to provide similar improvements to this portion of the CSS. The study showed the project to be significantly more expensive than anticipated in comparison to the anticipated reduction in CSS outflows and flooding. In response, City staff identified the concept of re-routing the separate sewer flows in Sewer Basins 32 and 48 that currently flow into the CSS and diverting them into nearby CSD-1 or SRCSD facilities to the east and south. The subject study will enable City staff to compare the costs and quantified improvements between these two approaches and thus decide on the best approach.

Camp, Dresser and McKee, Inc. (CDM) was selected to provide a project feasibility study through a Request for Qualifications process conducted in 2006 by Department of Utilities (DOU) staff. On April 26, 2007, CDM was approved to begin Phase 1 of the study to determine if the project was jurisdictionally feasible. The Phase 1 study is complete and the DOU has determined that the diversion project is feasible from a jurisdictional standpoint. The Phase 2 study would authorize CDM to complete an alignment study, develop sump connection details, locate potential utility conflicts, estimate construction costs, and prepare a final report.

RESOLUTION NO.

Adopted by the Sacramento City Council

AUTHORIZING A SUPPLEMENTAL AGREEMENT WITH CAMP, DRESSER AND MCKEE, INC. TO COMPLETE PHASE 2 OF THE OAK PARK SEWER DIVERSION PRE-DESIGN STUDY (PN:YN30)

BACKGROUND

- A. The Oak Park Sewer Diversion project is another step in the Department of Utilities continuing effort to reduce sanitary sewer and storm drainage flows to the combined sewer system (CSS) downtown and, thus, the frequency of combined sewage overflows. The project involves diverting sanitary sewer flows from the CSS at Sumps 32 and 48 to the CSD-1 or Sacramento Regional County Sanitation District pump stations located to the south and east. Diversion of the sanitary sewer flows will increase the capacity of the downstream CSS to convey runoff during heavy storm events.
- B. Camp, Dresser and McKee, Inc. (CDM) was selected to provide a feasibility study through a Request for Qualifications process conducted in 2006 by Department of Utilities (DOU) staff. On April 26, 2007, CDM was approved to begin Phase 1 of the study to determine if the project was jurisdictionally feasible. The Phase 1 study is complete and the DOU has determined that the diversion project may be feasible from a jurisdictional standpoint.
- C. The Phase 2 study would authorize Camp, Dresser and McKee, Inc., to complete an alignment study, develop sump connection details, locate potential utility conflicts, estimate construction costs, and prepare a final report.

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

- Section 1. The City Manager is authorized to execute Supplemental Agreement No. 1 to City Agreement number 2007-0397 with Camp, Dresser and McKee, Inc., to complete Phase 2 of the Oak Park Sewer Pre-Design study for an amount not to exceed \$108,386.