



REPORT TO COUNCIL

City of Sacramento

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

Consent
November 16, 2010

Honorable Mayor and
Members of the City Council

**Title: Agreement: Combined Sewer System Regulatory Compliance Support
Services (X14010060)**

Location/Council District: Districts 1, 3, 4, 5, and 6

Recommendation: Adopt a **Resolution** authorizing the City Manager to execute a professional services agreement with Larry Walker Associates, Inc. (LWA), to provide Combined Sewer System Regulatory Compliance Support for FY2010/11 for an amount not to exceed \$398,051.

Contact: Bill Busath, Interim Engineering Manager, 808-1434, Sherill Huun,
Supervising Engineer, 808-1455

Presenters: N/A

Department: Utilities

Division: Engineering Services

Organization No: 14001331

Description/Analysis

Issue: The City is required to complete a comprehensive Water Quality Assessment and to provide extensive new reporting for Combined Sewer System (CSS) discharges pursuant to the Waste Discharge Requirements Order No. R5-2010-0004, National Pollutant Discharge Elimination System (NPDES) Permit CA0079111, issued by the State Regional Water Quality Control Board – Central Valley Region (RWQCB) on January 28, 2010. A Request for Qualifications (RFQ) was issued in September, 2010, for regulatory compliance support services needed for completion of the required Water Quality Assessment and reporting, for a period of up to three years. LWA was selected as the top ranked firm through the RFQ process. This professional services agreement with LWA includes services to be performed during the current fiscal year. Extension of the agreement term beyond the initial one year term will require future City Council approval(s).

Policy Considerations: NPDES Permit CA0079111 is a federally mandated program that requires implementation of specific activities and programs. Completion of the Water Quality Assessment and reporting activities and implementation of the FY 2010/11 CSS Regulatory Compliance Support Services agreement supports the City strategic plan focus areas of economic development and sustainability and livability.

Environmental Considerations:

California Environmental Quality Act (CEQA): The RWQCB's NPDES permitting actions are exempt from CEQA under California Water Code section 13389.

Sustainability Considerations: Completion of the Water Quality Assessment and required reporting activities will provide the data needed to develop pollution reduction programs and inform the selection of projects to reduce flooding in the CSS area and, as such, is consistent with the City Sustainability Master Plan. These activities advance the Master Plan goals of:

1. Conserving the use and protection of sources of water and;
2. Providing exceptional flood protection.

Other: Not applicable.

Commission/Committee Action: Not applicable.

Rationale for Recommendation: Approval of the CSS Regulatory Compliance Support Services agreement with LWA is recommended in order to obtain professional services needed to comply with the NPDES Permit issued for the City's CSS.

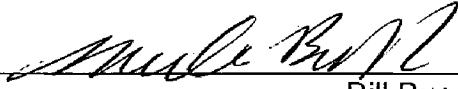
Financial Considerations: The cost for the professional services agreement is \$398,051 and will be funded in the FY 2010/11 CSS Permit Reporting and Testing Project (X14010060, Sewer Fund 6006), which has an unobligated balance of \$400,000 as of October 28, 2010.

Emerging Small Business Development (ESBD): Not applicable.

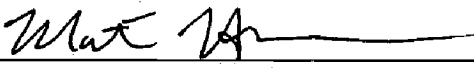
APPROVED AS TO FORM:



CITY ATTORNEY

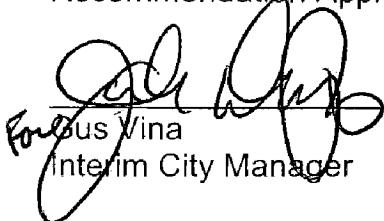
Respectfully Submitted by: 

Bill Busath
Interim Engineering Manager

Approved by: 

Marty Hanneman
Director of Utilities

Recommendation Approved:



Eugene Bus Vina
Interim City Manager

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Attachment 1

Background

In June 1990, the Regional Water Quality Control Board – Central Valley Region (RWQCB) issued a Cease and Desist Order requiring the City to eliminate outflows from the Combined Sewer System (CSS) into City streets and properties. After exhaustive studies and rigorous benefit/cost analysis, the City Council adopted a Combined Sewer System Improvement Plan (Improvement Plan) in 1995 intended to reduce outflows as well as discharges to the river. That same year, the RWQCB approved the Improvement Plan, rescinded the Cease and Desist Order and issued a National Pollutant Discharge Elimination System (NPDES) Permit that mandated implementation of the Improvement Plan and protection of the water quality in the Sacramento River.

The CSS infrastructure dates back to the late 1800's and is one of only two such systems in the State. The area of the City served by the CSS comprises approximately 7,000 acres including downtown, midtown, East Sacramento, and Land Park as shown on Attachment 2 to this report. Unlike more common systems that carry sanitary sewage and storm drainage in separate pipes, the CSS consists of a single pipe that collects sanitary sewage from residents and businesses as well as runoff from city streets and urban land uses. During large storm events, those pipes can overflow causing combined sewage to back up onto streets, yards, and, in extreme events, even buildings.

Since 1995, in accordance with the Improvement Plan, the City has constructed over \$132 million in improvements to the CSS. Major projects included upgrades to Sump 2 and Pioneer Reservoir to significantly improve the performance of the CSS and to provide primary treatment for higher volumes of CSS discharges to the river. These improvements have reduced street and structure flooding and have resulted in fewer untreated discharges to the Sacramento River. However, the CSS currently still does not meet the mandated goals of minimizing street flooding during the 10-year storm and preventing structure flooding during the 100-year storm.

The RWQCB renewed the CSS NPDES Permit on January 28, 2010 and issued Waste Discharge Requirements Order No. R5-2010-0004 (NPDES Permit CA0079111). The revised NPDES Permit mandates the continued implementation of the Improvement Plan and requires further studies to determine if the current operational practices and configurations of the CSS adequately protect the Sacramento River during the episodic discharges to the river. The new Permit requires extensive water quality and toxicity sampling of effluent and river water; comprehensive reporting of Nine Minimum Controls including operations and maintenance activities and various feasibility studies; comprehensive reporting of infrastructure annual budgets, long term funding and actual expenditures; annual analysis and reporting of untreated discharges to the river and State on-line reporting of CSS outflows; and extensive regulatory reporting and public notification including notification of downstream municipal water users.

Completion of the tasks required by the NPDES Permit is accomplished by City staff and through annual professional services agreements or construction contracts when staff expertise or equipment is not available. Contracted services have included flow measurement and modeling; long term capital improvement evaluation and prioritizations; infrastructure condition assessments inspections and specialized maintenance; and capital improvement construction and compliance monitoring.

The Request for Qualifications (RFQ) process for this project included various NPDES Permit required tasks to be performed over a period of up to three years, and was conducted in September 2010. Statement of Qualifications were received from:

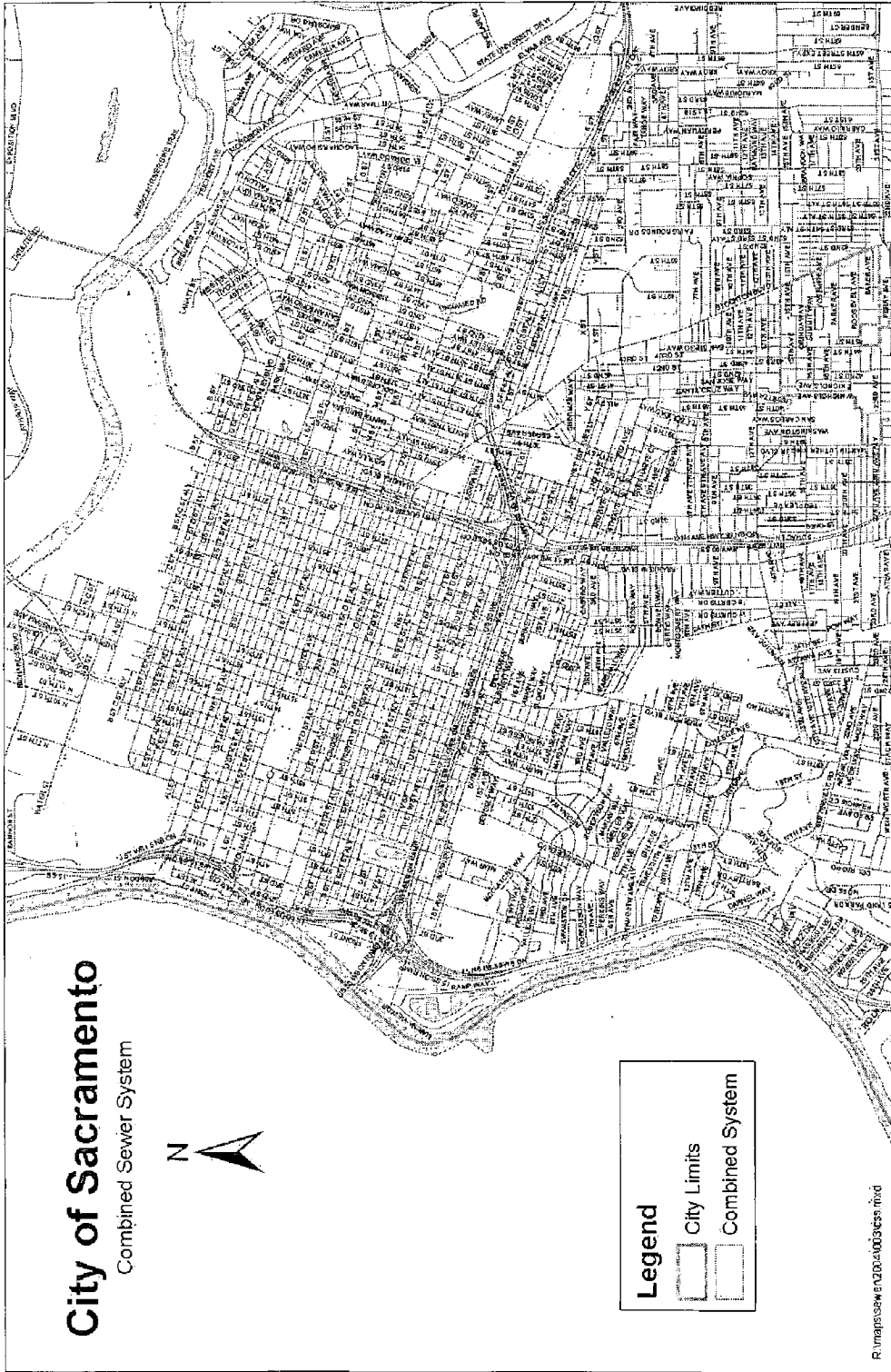
- AECOM
- Larry Walker Associates, Inc.
- Robertson-Bryan, Inc.
- Stantec Consulting Inc.

Larry Walker Associates, Inc. (LWA) was selected as the top ranked firm to provide these regulatory compliance support services, which will include review, revision and implementation of the Water Quality Assessment Plan; coordination, implementation, and data quality evaluation for water quality and toxicity sampling activities; pollutant load estimations and analysis of CSS performance and regulatory reporting.

The FY2010/11 Combined Sewer System Regulatory Compliance Support Services agreement includes work for one fiscal year, with a potential maximum of two successive one-year extensions upon the City Council's approval of a supplemental agreement specifying the scope of services and payment provisions for such extended term(s).

Attachment 2

CSS Area Map



RESOLUTION NO.

Adopted by the Sacramento City Council

AUTHORIZING AN AGREEMENT WITH LARRY WALKER ASSOCIATES, INC. FOR THE FY2010/11 COMBINED SEWER SYSTEM REGULATORY SUPPORT SERVICES (X14010060)

BACKGROUND

- A. In January, the Regional Water Quality Control Board - Central Valley Region reissued the Combined Sewer System (CSS) Waste Discharge Requirements Order No. R5-2010-0004, National Pollutant Discharge Elimination System (NPDES) Permit CA0079111 regulating operation of the City's CSS.
- B. The City issued a Request for Qualifications (RFQ) to provide specific professional services to assist with the preparation of the Water Quality Assessment and regulatory reporting required under the NPDES Permit, for a period of up to three fiscal years.
- C. Larry Walker Associates was selected as the top ranked firm to provide these services through the RFQ process.

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 professional services agreement with Larry Walker Associates, Inc., to provide Combined Sewer System Regulatory Compliance Support Services for FY2010/11 for an amount not to exceed \$398,051.