



REPORT TO COUNCIL

City of Sacramento

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

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Consent
June 22, 2010

Honorable Mayor and
Members of the City Council

Title: AWARD CONTRACT: 'S' STREET BRICK SEWER REPLACEMENT, 7TH TO 14TH STREETS PROJECT (X14010013) AND ACCEPT U.S. EPA GRANT OF \$1,729,500 IN THE PROJECT

Location/Council District: Council District 4

Recommendation: Adopt a **Resolution** (1) approving the contract specifications for the 'S' Street Brick Sewer Replacement, 7th to 14th Streets Project (X14010013); (2), awarding the contract to T&S Construction Co., Inc. for an amount not to exceed \$2,250,700; (3) accepting a \$1,729,500 grant from the U.S. EPA; and (4) increasing the revenue and expenditure budget for the Project (X14010013) for the U.S. EPA Grant in the amount of \$1,729,500.

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

Presenters: Not applicable

Department: Utilities

Division: Engineering Services

Organization No: 14001311

Description/Analysis

Issue: This project will replace deteriorated portions of the Combined Sewer System (CSS), add in-line storage to reduce flooding in the surrounding and upstream portions of the CSS, and continue the Downtown Sewer Upsizing Project, a major component of the long-term CSS Improvement Program. This program is mandated by the City's National Pollution Discharge Elimination System permit, which regulates the City's operation of the CSS.

Policy Considerations: This report's recommendation is consistent with the City's Strategic Plan goals of improving and expanding public safety and

achieving sustainability and livability. The requested action is in conformance with City Code Section 3.60, Articles I and III, which provides that the City Council may award competitively bid contracts to the lowest responsible bidder. Staff has verified or will verify prior to the Notice to Proceed, that the bonds and insurance required for this project are valid.

Environmental Considerations: The United States Environmental Protection Agency (EPA) has reviewed the proposed project and has determined that this project is categorically exempt from the National Environmental Protection Act (NEPA) as the project consists of repair of existing publicly owned facilities and restoration and rehabilitation of deteriorated or damaged facilities to meet current standards of public health and safety.

The Development Services Department, Environmental Planning Services Division, has reviewed the proposed project and has determined that this project is categorically exempt from the California Environmental Quality Act (CEQA) under Class 1 & 2, and Sections 15301 (b)(d) and 15302(c) of the CEQA Guidelines. This project is also part of the City's long-term CSS Improvement Program, for which the City Council certified an Environmental Impact Report in 1997 (Resolution 97-123).

Sustainability Considerations: The project is consistent with the City's Sustainability Master Plan by reducing combined sewer overflows and improving reliability, which will reduce energy-intensive maintenance.

Commission/Committee Action: Not applicable

Rationale for Recommendation: Engineering Services advertised the project to solicit bids, in accordance with City Code 3.60 and Administrative Policy Instruction Number 4002. The project was posted and eight bids were received and opened by the City Clerk on June 2, 2010. The Engineer's construction estimate was \$2,859,000.

The low bidder was T&S Construction Company, Inc. and the bid was determined to be responsive. Staff recommends the contract be awarded to T&S Construction Company, Inc. for an amount not to exceed \$2,250,700.

Financial Considerations: With the construction contract for an amount not to exceed \$2,250,700, the total estimated project cost to design, inspect, construct, and provide a contingency for this project is estimated to be \$2,850,000. The City has secured \$1,729,500 in EPA Grant #96996101 Federal Assistance Funds. Including the EPA grant funds, the 'S' Street Brick Sewer Replacement, 7th to 14th Streets project (X14010013) has a budget of \$4,149,500. Accordingly, there are sufficient funds to award the construction contract and complete the project.

Emerging Small Business Development (ESBD): Due to the federal funding for this project, this contract is governed by the applicable federal MBE/WBE requirements rather than the City's ESBE participation requirements. The bid submitted by T&S Construction Company, Inc. complies with the "good faith" effort provisions of the federal MBE/WBE requirements.

Respectfully Submitted by:



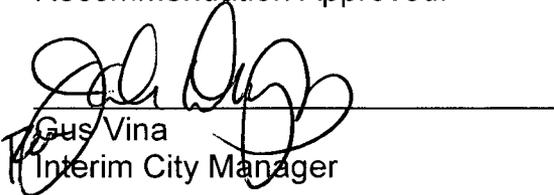
David L. Brent
Engineering Manager

Approved by:



Marty Hanneman
Director of Utilities

Recommendation Approved:



Gus Vina
Interim City Manager

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Attachment 1

Background

The project includes the replacement and upsizing of about 2,111 linear feet of 48 to 54 inch brick combined sewer main in 'S' Street between 9th and 14th Streets, constructing about 789 linear feet of 72 inch storage pipe parallel an existing 54 inch combined sewer main from 7th to 9th Streets, 9 saddle manholes, and a concrete junction structure south of 9th Street. When completed, the project will address deficiencies identified by two Department of Utilities (DOU) programs; the Infrastructure Replacement and Management (IRM) Program and the Combined Sewer System Improvement (CSSI) Program.

The IRM Program was developed to identify aged and deteriorated sewer infrastructure and systematically rehabilitate or replace the infrastructure prior to failure. The brick sewer mains within the City are among the oldest sewer infrastructure still functioning in the combined sewer system and a focal point of the IRM Program. The "S" Street brick sewer main was constructed in 1896 to 1897 and based on its age, maintenance history, and the criteria set forth in the IRM Program, the sewer main is considered failed and replacement is necessary to avoid impending catastrophic failure.

The CSSI Program, approved by the City Council and the Regional Water Quality Control Board in 1995 and 1996, was developed to determine the best approach to flooding problems of the City's combined sewer system. Past projects completed through the program include the upgrade and upsize of Sumps 1 and 2, conversion Pioneer Reservoir to primary treatment, the replacement and upsizing of numerous pipes within the collection system, and the construction of several in-line and off-line storage facilities, all designed to reduce surcharging of the system during storms with an intensity of a 10-year, 6 hour storm or less.

The 'S' Street Brick Sewer Replacement, 7th to 14th Streets project is part of the Downtown Sewer Upsizing Project (DSUP), which was identified as a segment of the CSSI Program. Attached is a map that shows the DSUP, which constitutes a network of upsized pipes that connect to an upsized and improved Sump 1/1A, which, when completed will significantly reduce flooding in the downtown area. The subject project will connect to recently completed projects and allow planned projects to be designed and constructed, in order to complete the DSUP.

Because the "S" street storage project limits identified by the CSSI Program are nearly the same as the brick main replacement limits identified by the IRM Program, staff decided to combine the projects from the two programs to take advantage of the construction cost savings realized by combining the projects and to minimize disruptions to adjacent residences and businesses.

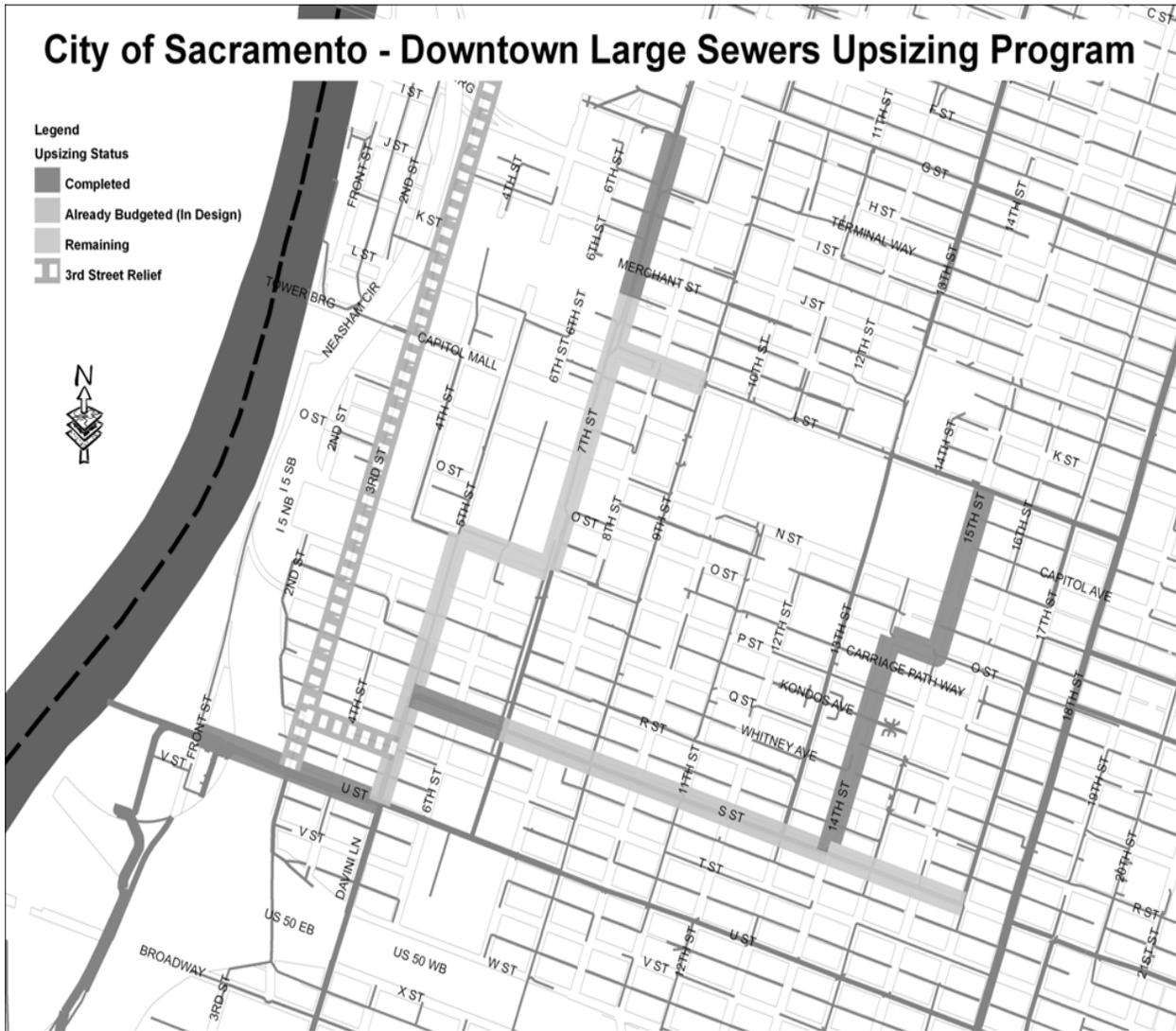
The project was advertised and on June 2, 2010, eight were received and opened. The summary of the bids is as follows:

Contractor	Bid Amount
T&S Construction Company, Inc.	\$2,250,700
Marques Pipeline, Inc.	\$2,273,449
Mountain Cascade, Inc.	\$2,477,936
McGuire & Hester	\$2,584,640
Navajo Pipelines, Inc.	\$2,665,435
Preston Pipelines, Inc.	\$2,923,910
Florez Paving	\$3,123,240
Ranger Pipelines, Inc.	\$3,305,247

The Engineer's construction estimate was \$2,859,000.

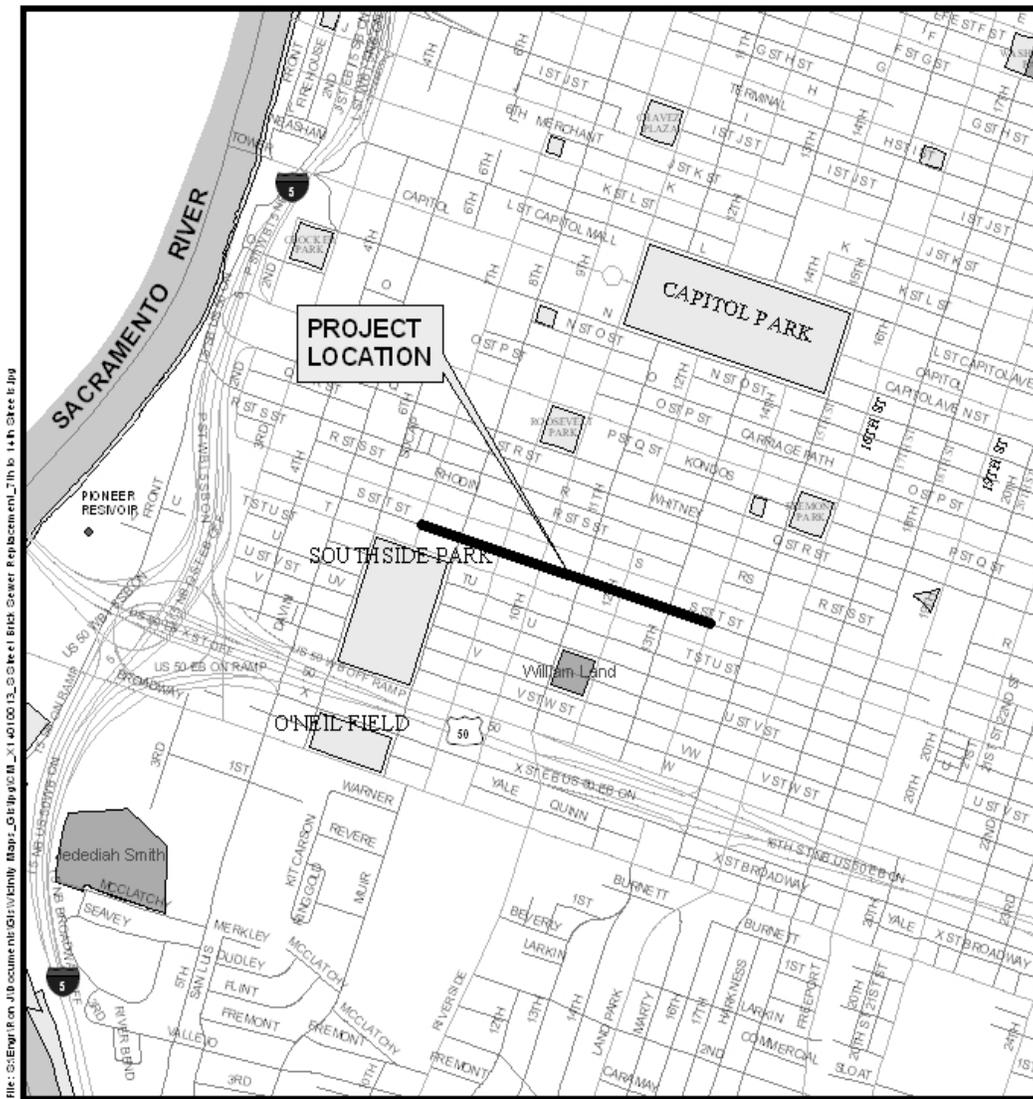
Attachment 2

Downtown Sewer Upsizing Program Map



ATTACHMENT 3

'S' STREET BRICK SEWER REPLACEMENT 7TH TO 14TH STREETS (PN: X14010013)



file: C:\Eng\18 on J10\document\GIS\Utility\Map\X14010013_S' Street Brick Sewer Replacement_7th to 14th Streets.dwg

Map Prepared By
City of Sacramento
Department of Utilities



Attachment 4

EPA Grant #96996101 Federal Assistance Amendment

XP - 96996101 - 1 Page 1

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Assistance Amendment</p>	ASSISTANCE ID NO. PRG: XP - 96996101 DOCID: - 1 AMEND#: - 1		DATE OF AWARD: 09/23/2009
	TYPE OF ACTION: Augmentation/Increase		MAILING DATE: 09/30/2009
	PAYMENT METHOD: Reimbursement		ACH#: 90431
	RECIPIENT TYPE: Municipal		
RECIPIENT: City of Sacramento 1231 I Street, Room 500 Sacramento, CA 95814 EIN: 94-5000410		PAYEE: City of Sacramento 1231 I Street, Room 500 Sacramento, CA 95814	
PROJECT MANAGER: Richard Betha 1231 I Street, Room 300 Sacramento, CA 95814 E-Mail: rbetha@cityofsacramento.org Phone: 916-807-1448	EPA PROJECT OFFICER: Loretta Vanegas 75 Hawthorne Street, WTR-10 San Francisco, CA 94105 E-Mail: Vanegas.Loretta@epamail.epa.gov Phone: 415-972-3433	EPA GRANT SPECIALIST: Elizabeth Armour Grants Management Office, MTS-7 E-Mail: Armour,Elizabeth@epa.gov Phone: 415-947-4264	
PROJECT TITLE AND EXPLANATION OF CHANGES: WATER INFRASTRUCTURE - S Street Sewer Improvement The project will consist of the City of Sacramento upsizing several downtown segments of pipeline which will connect to the pipes constructed in the proposed 'S' Street Combined Sewer Project. The project goals are to reduce flooding of combined sewage in the downtown area and to improve water quality in the Sacramento River. This amendment increases federal funding by \$477,000 from \$1,252,500 to \$1,729,500. Total approved budget and project cost is \$3,144,546. This amendment also extends the budget end project end dates from 12/31/09 to 12/31/11. See terms and conditions.			
BUDGET PERIOD: 09/01/2007 - 12/31/2011	PROJECT PERIOD: 09/01/2007 - 12/31/2011	TOTAL BUDGET PERIOD COST: \$3,144,546.00	TOTAL PROJECT PERIOD COST: \$3,144,546.00
NOTICE OF AWARD			
Based on your application dated , including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA), hereby awards \$477,000. EPA agrees to cost-share 55:00% of all approved budget period costs incurred, up to and not exceeding total federal funding of \$1,729,500. Such award may be terminated by EPA without further cause if the recipient fails to provide timely affirmation of the award by signing under the Affirmation of Award section and returning all pages of this agreement to the Grants Management Office listed below within 21 days after receipt, or any extension of time, as may be granted by EPA. This agreement is subject to applicable EPA statutory provisions. The applicable regulatory provisions are 40 CFR Chapter 1, Subchapter B, and all terms and conditions of this agreement and any attachments.			
ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)		AWARD APPROVAL OFFICE:	
ORGANIZATION / ADDRESS U.S. EPA, Region 9 Grants Management Office, MTS-7 75 Hawthorne Street San Francisco, CA 94105		ORGANIZATION / ADDRESS U.S. EPA, Region 9 Water Division, WTR-1 75 Hawthorne Street San Francisco, CA 94105	
THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY			
SIGNATURE OF AWARD OFFICIAL: Digital signature applied by EPA Award Official	TYPED NAME AND TITLE: Carolyn Truong, Grants Management Officer	DATE: 09/23/2009	
AFFIRMATION OF AWARD			
BY AND ON BEHALF OF THE DESIGNATED RECIPIENT ORGANIZATION			
SIGNATURE: 	TYPED NAME AND TITLE: Mary Hanneman, Director, Dept of Utilities	DATE: 2-2-10	

Attachment 5

RESOLUTION NO.

Adopted by the Sacramento City Council

**AWARD CONTRACT FOR THE 'S' STREET BRICK SEWER REPLACEMENT, 7TH
TO 14TH STREETS PROJECT (X14010013)**

BACKGROUND

- A. The purpose of this project is to replace an old deteriorated brick combined sewer pipes and to provide additional in-line storage to reduce flooding in the downtown area. The brick sewer pipes in the downtown area are over 100 years old, have reached the end of their useful life, and need to be replaced to avoid failure or even catastrophic collapse in the future. The in-line storage is intended to reduce flooding in the event of a design storm with the intensity of a 10-year, 6 hour or less event in accordance with the City Council approved Combined Sewer System Improvement Program.
- B. City Code Chapter 3.60 identifies the general guidelines for completing contracts for public projects and procedures for bidding and issuing contracts over \$100,000.
- C. The 'S' Street Brick Sewer Replacement, 7th to 14th Streets project was advertised for bidding and eight bids were received on June 2, 2010.
- D. Pursuant to City Code Section 3.60.020, it was determined that T&S Construction Company, Inc. was the lowest responsive and responsible bidder with a bid of \$2,250,700.
- E. There are sufficient funds in X14010013 to award this contract.

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

- Section 1. The contract plans and specifications for the 'S' Street Brick Sewer Replacement, 7th to 14th Streets project (X14010013) are approved, and the contract is awarded to the T&S Construction Company, Inc. for an amount not to exceed \$2,250,700.
- Section 2. The City Manager is authorized to accept \$1,729,500 in EPA Grant #96996101 Federal Assistance Funds.
- Section 3. The City Manager is authorized to increase the revenue and Expenditure budget for the U.S EPA grant in the amount of \$1,729,500 in the 'S' Street Brick Sewer Replacement Project (X14010013).