



REPORT TO COUNCIL

City of Sacramento

915 I Street, Sacramento, CA 95814-2604
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Consent
 December 12, 2006

Honorable Mayor and
 Members of the City Council

Title: Contract Award: 12th and 13th Avenue Sewer Rehabilitation (PN: XN40)

Location/Council District: This project consists of lining sewer main segments in 12th and 13th Avenue from Land Park Drive to the light rail tracks near Sacramento City College (Council District 4 & 5 - See attached location map).

Recommendation: Adopt a Resolution approving the contract plans and specifications for the 12th and 13th Avenue Sewer Rehabilitation Project, (PN: XN40) and awarding the contract to Insituform Technologies, Inc. for an amount not to exceed \$329,570..

Contact: Dave Brent, Engineering Manager, 808-1420; Rick Batha, Supervising Engineer, 808-1448

Presenters: N/A

Department: Department of Utilities

Division: Engineering Services

Organization No: 3332

Description/Analysis

Issue: The pipeline segments included in this project require high maintenance and experience frequent blockages. Internal CCTV inspection revealed broken pipe segments, sags, offset joints and heavy rooting. These main segments were selected for lining because they serve a neighborhood next to Sacramento City College that is prone to flooding which is exacerbated by restrictions in the pipe.

Policy Considerations: 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.

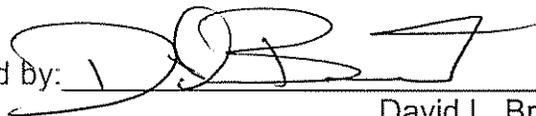
This report's recommendation is consistent with the City's Strategic Plan goals of improving and expanding public safety.

Environmental Considerations: The Development Services Department, Environmental Planning Services Division has reviewed this project and determined that it is exempt from the provisions of the California Environmental Quality Act (CEQA) under Class 1, Section number 15301(b)(d) and Class 2, Section number 15302(c) of the CEQA Guidelines. Class 1, Section number 15301(b) consists of minor alteration or repair of existing facilities used to provide electric power, natural gas, sewerage, or other public utility services. Class 1, Section number 15301(d) consists of restoration or rehabilitation of deteriorated or damaged structures or facilities to meet current standards of public health and safety. Class 2, Section 15302 (c) consists of replacement or reconstruction of existing utility systems and/or facilities.

Rationale for Recommendation: City Council approved the capital improvement project, 12th and 13th Avenue Sewer Rehabilitation (PN: XN40), with adoption of the Fiscal Year 2005-2006 budget. Engineering Services developed plans and specifications and advertised the project for public bids. On November 15, 2006, the City Clerk opened two bids and Insituform Technologies was the lowest responsible bidder. Staff recommends contract award to Insituform Technologies.

Financial Considerations: The budget for the 12th and 13th Avenue Sewer Rehabilitation Project (PN: XN40; fund 414/425) has an unobligated balance of \$655,598.23. The construction contract is for an amount not to exceed \$329,570 and the total project cost including design, construction, inspection and contingency is estimated to be \$412,000. There are sufficient funds to award the construction contract and complete the 12th and 13th Avenue Sewer Rehabilitation project.

Emerging Small Business Development (ESBD): This project included participation goals of 10% for emerging and small business enterprises. The lowest responsible bidder, Insituform Technologies, exceeded this goal with a participation level of 10.1%.

Respectfully Submitted by: 
David L. Brent
Engineering Manager

Approved by: 
Gary A. Reents
Director of Utilities

Recommendation Approved:

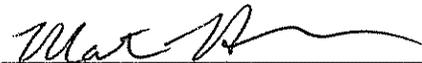

Ray Kerridge
City Manager

Table of Contents:

	Pg	1-3	Report
Attachments			
1	Pg	4	Background
2	Pg	5	Location Map
3	Pg	6	Resolution

Background**Attachment 1**

The pipeline segments to be lined by this project are located within the City's combined sewer system. The sewer main provides sewer and drainage services to a large residential area including portions of Curtis Park, Sacramento City College, and neighborhoods north of the campus. Due to chronic flooding problems, DOU staff investigated the pipeline located in 12th and 13th Avenue which serves the area and found that a long reach of pipeline was located under trees and chronically blocked with roots and also had numerous sags and cracked sections of pipe. As a result, City Council approved the 12th and 13th Avenue Sewer Rehabilitation Project (PN: XN40) in its 2005 – 2006 CIP.

During design, it was determined that project goals would be best served by splitting this project into two construction contracts: One contract to dig and replace approximately 1200 feet of undersized main and the other to rehabilitate approximately 3250 feet of 24- and 27-inch diameter sewer pipeline segments. The dig and replace contract was constructed in August 2006, and the 12th and 13th Avenue Sewer Rehabilitation project represents the liner construction contract.

This project consists of inserting a liner that is expanded and cured forming a seamless pipe within the existing pipe that resists root intrusion and infiltration/exfiltration. This project conforms to the DOU's goals of providing reliable and safe sewer service and 10 year protection from street flooding.

This project was advertised and two bids were received and opened on November 15, 2006. The bids are summarized below:

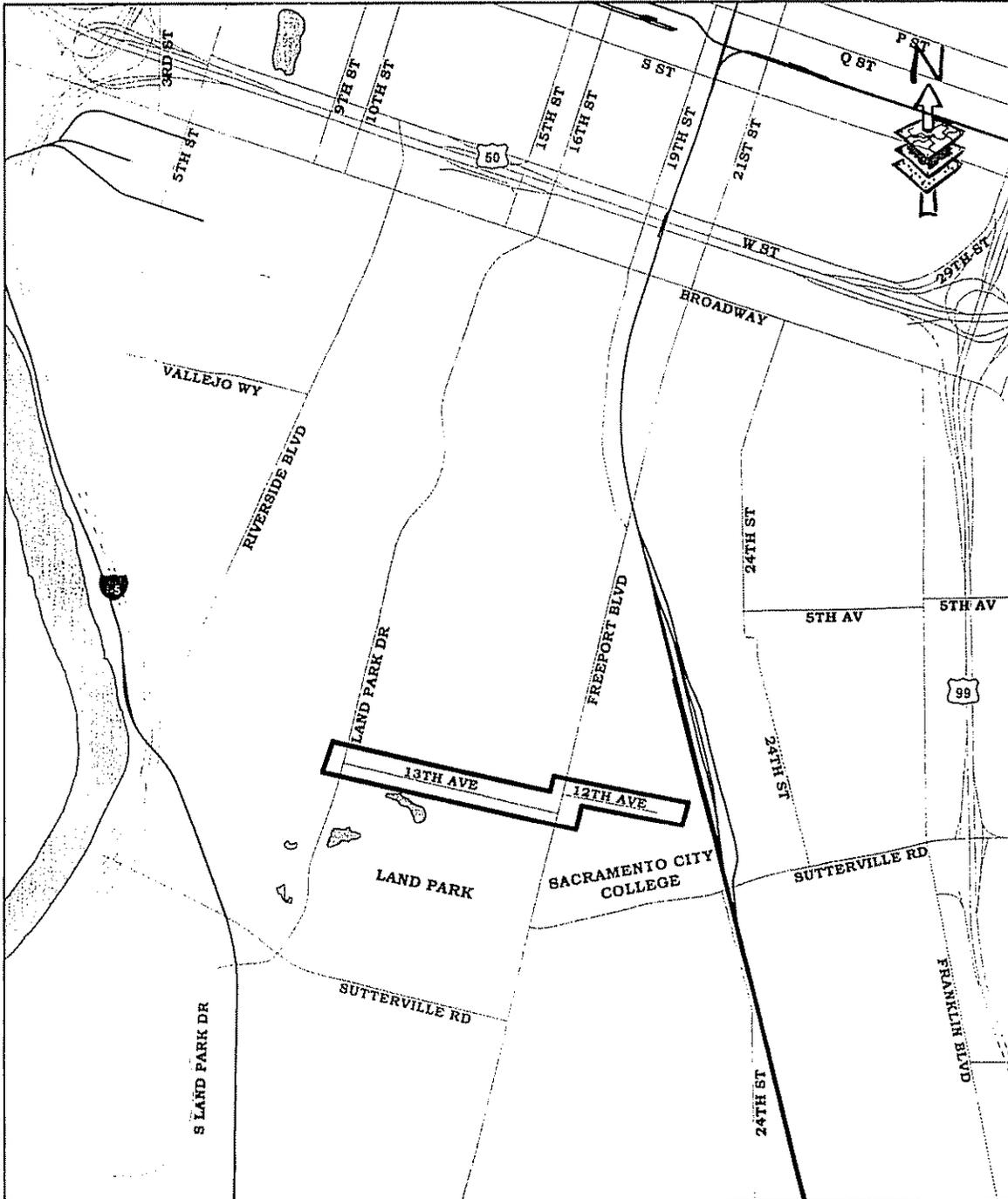
Contractor	Bid Amount
Insituform Technologies, Inc.	\$329,570
J. F. Pacific Liners, Inc.	\$426,995

The Engineer's Estimate was \$500,000. The project is estimated to be complete by March, 2007.

Location Map

Attachment 2

13TH & 12TH AVE SEWER REHABILITATION PN: XN40



RESOLUTION NO.

Adopted by the Sacramento City Council

AWARD CONTRACT FOR THE 12TH AND 13TH AVENUE SEWER REHABILITATION PROJECT (PN: XN40)

BACKGROUND

- A. A 4,450 foot reach of combined sewer trunk main in 12th and 13th Avenue from the light rail tracks to Land Park Drive is in poor condition and requires frequent maintenance to prevent potential street flooding. Therefore, in order to protect public health and safety, City Council approved the 13th and 12th Avenue Sewer Rehabilitation Project (PN: XN40) with the 2005-06 fiscal year budget. During design, Engineering determined that a 1,200 foot section of pipeline required replacement and that the remaining 3,250 foot segment should be lined.
- B. To simplify bidding and encourage lower prices, DOU staff elected to split the project into two construction contracts, one for pipe lining and the other for pipe replacement. The pipe replacement portion of the project was constructed in August 2006. The current project is for the pipe lining segment of the project.
- C. City staff prepared plans and specifications to rehabilitate the identified sewer segments and manholes to improve sewer function and to preserve public safety. The project was advertised for public bidding and two bids were received on November 15, 2006. Insituform Technologies was the lowest responsible bidder.

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

- Section 1. The contract plans and specifications for the 12th and 13th Sewer Rehabilitation Project (PN: XN40, fund 414/425) are approved, and the contract is awarded to Insituform Technologies for an amount not to exceed \$329,750.

