

Office of the City Manager

CONSENT CALENDAR
February 9, 2016

To: Honorable Mayor and Members of the City Council
From: *DWR* Dee Williams-Ridley, Interim City Manager
Submitted by: Phillip Harrington, Director, Public Works
Subject: Contract: Pacific Trenchless, Inc. for 5th Street, Francisco Street, Curtis Street, Delaware Street, Lincoln Street, Virginia Street, Sutter Street, Henry Street, Hopkins Street and Eunice Street

RECOMMENDATION

Adopt a Resolution:

1. Approving the plans and specifications for the Sanitary Sewer Project, 16-10998-C, located on 5th Street, Francisco Street, Curtis Street, Delaware Street, Lincoln Street, Virginia Street, Sutter Street, Henry Street, Hopkins Street and Eunice Street;
2. Accepting the bid of the lowest responsive and responsible bidder, Pacific Trenchless, Inc.; and
3. Authorizing the City Manager to execute a contract and any amendments, extensions or other change orders until completion of the project in accordance with the approved plans and specifications, in an amount not to exceed \$1,608,102.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in the FY 2016 budget in the Sanitary Sewer Fund 830, budget code 830-5213-432-6510, and no other funding is required.

Low bid by Pacific Trenchless	\$1,461,911
10% Contingency	\$146,191
Total construction cost	\$1,608,102

The Contract Management System number for this contract is CMS No. HMJNH

CURRENT SITUATION AND ITS EFFECTS

This sewer rehabilitation project is located at various locations throughout the City as shown on the map (Attachment 2, Location Map). The sanitary sewer collection system in these areas should be replaced to prevent future pipe failures, sewer blockages, and leakage problems. Field investigations performed using a closed circuit television camera indicated deteriorated piping, and pipe defects in the existing sewer mains. These conditions are similar to problems found in other sewer mains prior to their replacement by the City.

The work to be done consists of replacement or rehabilitation of approximately 4,195 linear feet of 6-inch, 8-inch, 10-inch, 12-inch, and 14-inch diameter sanitary sewer

mains; construction of manholes; replacement of 4-inch and 6-inch diameter sewer laterals; and related work. The scope of work includes provisions for related emergency/urgent work at other locations within the City on an as-needed basis, in order to address and repair acute defects. Acute defects, such as sanitary sewage overflows (SSOs), are required to be addressed within one year after identification, by the EPA and Regional Water Quality Control Board (RWQCB) Consent Decree (CD). A 10% contingency is included in the total costs to cover any related unexpected construction costs. The contract term is 240 calendar days, which includes a performance period of 180 days and an additional 60 calendar days for project closeout.

This sanitary sewer project is part of the City's ongoing program to rehabilitate or replace the aging sewer system, and to eliminate potential health hazards to the public.

BACKGROUND

The City has implemented a long-term mandated Sanitary Sewer Capital Improvement Program to stay in compliance with the CD filed on July 28, 2014 to eliminate SSOs, and reduce storm water infiltration and inflow (I/I) into the sanitary sewer system. Under this program, the City is utilizing a comprehensive asset management approach based on complex and evolving hydrologic and hydraulic modeling and condition assessments to repair, replace, or upgrade the City's portion of the sanitary sewer system and aid EBMUD in eliminating discharges from their Wet Weather Facilities by the end of 2035.

This is the second year of the twenty-two year program under the CD. Under the CD, the City shall perform Collection System Repair and Rehabilitation at an average annual rate of no less than 22,120 feet of sewer mains on a three fiscal year rolling average to control infiltration. This work is in support of and in addition to ongoing work identified in the City's Sanitary Sewer Management Plan (SSMP) and Asset Management Implementation Plan (AMIP).

Bids for this project were released on December 2, 2015 and opened December 17, 2015 (see Attachment 3, Abstract of Bids). Four non-local bids were received from a low of \$1,461,911 to a high of \$1,767,609. Pacific Trenchless, Inc. of Oakland, California was the lowest responsive and responsible bidder. References for Pacific Trenchless, Inc. were provided and checked out satisfactorily. Staff recommends a contract for this project be awarded to them. The engineer's estimate for the project was \$1,575,000.

The Living Wage Ordinance does not apply to this project as Public Works construction contracts are, pursuant to City policy, subject to State prevailing wage laws. Pacific Trenchless, Inc. submitted a Certification of Compliance with the Equal Benefits Ordinance. The Community Workforce Agreement applies to this project because the estimated value of the project exceeds \$500,000. As a result, the successful bidder and all subcontractors will be required to sign an agreement to be bound by the terms of the Agreement.

ENVIRONMENTAL SUSTAINABILITY

Improvements to the City's sanitary sewer system will help minimize the frequency of SSOs, and reduce infiltration and inflow into the City's sewer system, which will in turn minimize impacts to the San Francisco Bay and protect regional water quality.

RATIONALE FOR RECOMMENDATION

Contracted services are required for these large projects. The City does not have the in-house labor or equipment resources needed to complete the sanitary sewer rehabilitation and replacement projects, or to address all emergency/urgent sewer repair work. If action is delayed, sewer repairs will be delayed. If the City does not complete rehabilitation and replacement at an average of at least 22,120 feet per fiscal year, or does not repair acute defects within one year, the City will be subject to fines and penalties as stipulated in the CD.

ALTERNATIVE ACTIONS CONSIDERED

There is no reasonable alternative, as these pipelines are in poor condition and in need of rehabilitation now or in the near future. Without rehabilitation work, the rate of I/I into the City's sewer system will rise, the sewer system will continue to age and the probability of future sanitary sewer leakages and backup problems will increase.

CONTACT PERSON

Sean R. Rose, Manager of Engineering/City Engineer, Public Works, 981-6435
Kenneth Emeziem, Supervising Civil Engineer, Public Works, 981-6444

Attachments:

- 1: Resolution
- 2: Location Map
- 3: Bid Results

RESOLUTION NO. ##,###-N.S.

CONTRACT: PACIFIC TRENCHLESS, INC. FOR SANITARY SEWER REHABILITATION – 5TH STREET, FRANCISCO STREET, CURTIS STREET, DELAWARE STREET, LINCOLN STREET, VIRGINIA STREET, SUTTER STREET, HENRY STREET, HOPKINS STREET AND EUNICE STREET

WHEREAS, the Sanitary Sewer Project is part of the City's on-going Sewer Capital Improvement Program to replace the aging and deteriorated sanitary sewer system; and

WHEREAS, the Capital Improvement Program is a requirement of compliance with the National Pollution Discharge Elimination System Permit and California Regional Water Quality Control Board Consent Decree; and

WHEREAS, the City has neither the labor nor the equipment necessary to undertake this Sanitary Sewer Project and other emergency/urgent sewer repairs; and

WHEREAS, an invitation for bids Specifications No. 16-10998-C was duly advertised and Pacific Trenchless, Inc. was the lowest responsive and responsible bidder; and

WHEREAS funds are available in the FY 2016 budget in Sanitary Sewer Fund 830; and the contract has been entered as CMS No. HMJNH.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Plans and Specifications No. 16-10998-C for the Sanitary Sewer Project are approved.

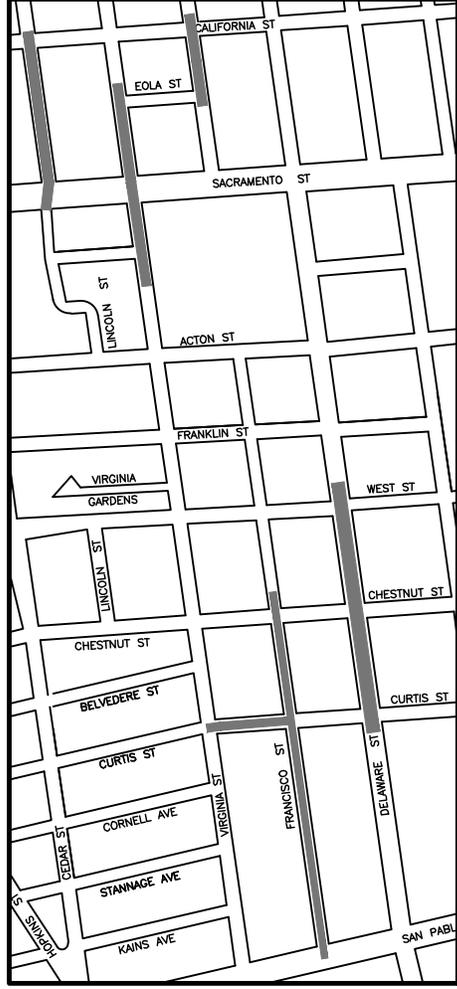
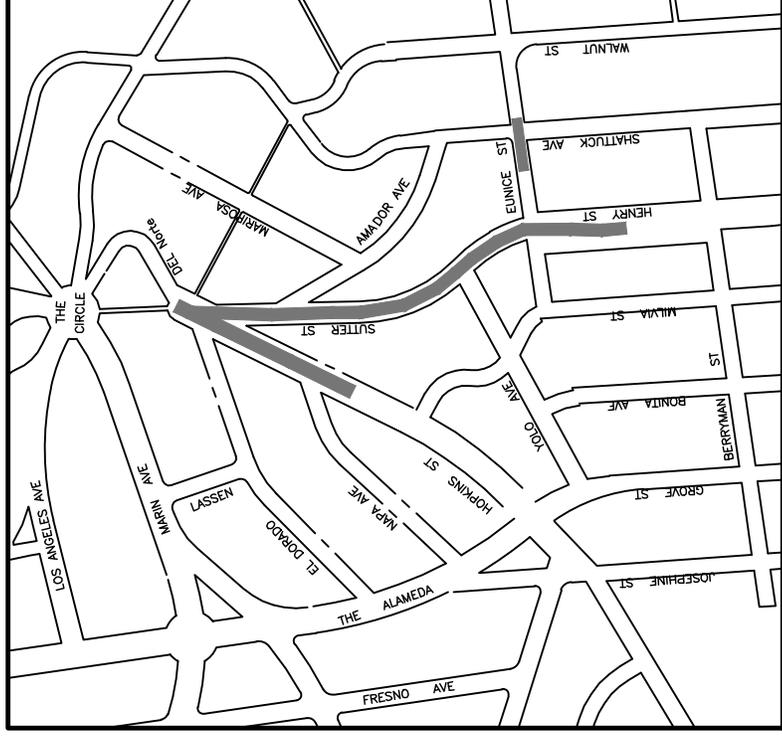
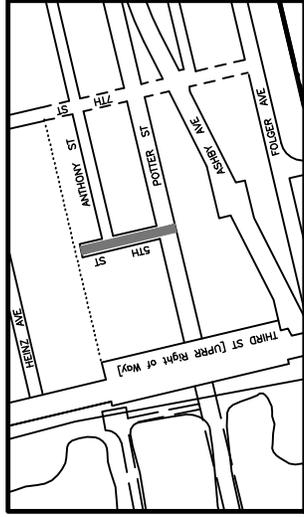
BE IT FURTHER RESOLVED that the City Council approves the plans and specifications for the Sanitary Sewer Project, 16-10998-C, located on 5th Street, Francisco Street, Curtis Street, Delaware Street, Lincoln Street, Virginia Street, Sutter Street, Henry Street, Hopkins Street and Eunice Street; accepts the bid of the lowest responsive and responsible bidder, Pacific Trenchless, Inc.; and authorizes the City Manager to execute a contract and any amendments, extensions or other change orders until completion of the project in accordance with the approved plans and specifications, in an amount not to exceed \$1,608,102 that includes a 10% contingency for unforeseen circumstances. A record signature copy of said agreement and any amendments will be on file in the Office of the City Clerk.

LOCATION MAP

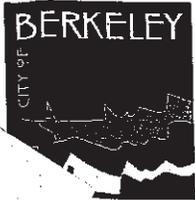
SANITARY SEWER REHABILITATION

5TH STREET, FRANCISCO STREET, CURTIS STREET, DELAWARE STREET, LINCOLN STREET, VIRGINIA STREET, SUTTER STREET, HENRY STREET, HOPKINS STREET AND EUNICE STREET

SPECIFICATION NO. 16-10998-C



— CONSTRUCTION AREA



City of Berkeley
Abstract of Bid Worksheet

Finance Department
General Services Division

FOR: Sanitary Sewer Rehab 5th St.

Spec. #

Bid Date: 12/17/15

	Bidders	Base Bid	Nuc Free	Work Force Comp	Opp. States	Living Wage	EBO	Bid Bond	Addenda
1	Pacific Truck Lines	1,461,911.00	/	/	/	/	/	/	/
2	Quelco Construction	1,475,072.00	/	/	/	/	/	/	/
3	Precision Eng.	1,537,000.00	/	/	/	/	/	/	/
4	Dancy + Hardy	1,762,609.00	/	/	/	/	/	/	/
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6									
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9									
10									

Bid Recorder: Pacific Truck Lines 12/17/15

Bid Opener: Dani Dugan 12/17/15

Project Manager: [Signature]