



Office of the City Manager

CONSENT CALENDAR
December 11, 2012

To: Honorable Mayor and Members of the City Council

From:  Christine Daniel, City Manager

Submitted by: Andrew Clough, Director, Public Works

Subject: Contract: California Trenchless, Inc. for Sanitary Sewer Rehabilitation Project on Potter Street, Ashby Avenue (State Highway 13), 7th Street, Folger Avenue, and Southern Pacific Co. ROW

RECOMMENDATION

Adopt a Resolution:

1. Approving the plans and specifications for the Sanitary Sewer Project, 13-10690-C, located on Potter Street, Ashby Avenue (State Highway 13), 7th Street, Folger Avenue, and Southern Pacific Co. ROW; and
2. Accepting the bid of the lowest responsive and responsible bidder, California Trenchless, Inc.; and
3. Authorizing the execution of 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 \$1,138,862 for the period of 120 calendar days from the date of the execution of the contract.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in the Sanitary Sewer Fund (830-5213-432-6510-13SR02). No other funding is required:

Low bid by California Trenchless, Inc.....	\$949,051
20% Contingency	\$189,811
Total construction cost	\$1,138,862

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

CURRENT SITUATION AND ITS EFFECTS

The sanitary sewer collection system in this area is quite old and should be replaced to prevent future pipe failures, sewer blockages, and leakage problems. Field investigations performed using a closed circuit television (CCTV) camera indicated deteriorated piping, root infiltrations from City trees, and pipe defects in the existing sewer mains.

Additionally, the sanitary sewer along Potter Street must be rehabilitated in advance of street repaving work that is scheduled for the spring of 2013. If action is delayed, and

the street is repaved without the sewer being rehabilitated, the sewer repairs will be delayed a minimum of 5 years to allow the moratorium for cutting into newly paved streets to expire. Should the existing sanitary sewer fail during the moratorium period, an emergency sewer repair would be required in a newly resurfaced area.

The sewer rehabilitation project as shown on the attached map (Attachment 2) is located at Potter Street, Ashby Avenue (State Highway 13), 7th Street, Folger Avenue, and the Southern Pacific Co. Right-of-Way.

The term of the contract is 120 calendar days, which includes a performance period of 60 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 implemented a long-term, mandated Sanitary Sewer Capital Improvement Program in order to stay in compliance with the Environmental Protection Agency (EPA) and Regional Water Quality Control Board (RWQCB) Cease and Desist Order to eliminate sewage overflows and reduce storm water infiltration and inflow into the sanitary sewer system.

This is the 23rd year of a 30-year compliance plan. There have been significant accomplishments in both the reduction of sewage overflows and the replacement and upgrading of the City's portion of the sanitary sewer system.

The work to be done consists, in general, of rehabilitation and construction of approximately 4,058 linear feet of 16-inch, 18-inch, 21-inch, 24-inch, 33-inch, 36-inch, and 45-inch diameter sanitary sewer (primarily via cured-in-place-pipe method, although some open-trench work is involved), construction of manholes, manhole rehabilitation, excavation, replacement of approximately 720 linear feet of 4-inch and 6-inch diameter sewer laterals, and related work. The scope of work includes additional funds for emergency/urgent work on an as-needed basis at various locations within the City of Berkeley. Because of the urgent nature of the work and unknown extent of the work, a 20% contingency for construction services is required.

The project was released for bids on October 9, 2012, and bids were opened on October 23, 2012. Two non-local bids were received from a low of \$949,051 to a high of \$970,277. California Trenchless, Inc. was the lowest apparent bidder. References for California Trenchless, Inc. were provided and checked out satisfactorily. It is recommended that a contract for this project be awarded to them.

This contract is subject to the Community Workforce Agreement (the agreement with the Building Trades Council and 22 labor organizations to support the efforts of the City of Berkeley to increase training and employment opportunities for trade workers who

reside in Berkeley, adopted by Council Resolution No. 65,157-N.S. on January 18, 2011). The Community Workforce Agreement applies to this project because the estimated value of the project exceeds \$1 million. As a result, the bid documents require the successful bidder and all subcontractors to sign an agreement to be bound to the agreement's provisions.

The Living Wage Ordinance does not apply to this project since Public Works construction contracts are, pursuant to City policy, subject to State prevailing wage laws. The lowest responsive responsible bidder will need to submit a Certification of Compliance for the Equal Benefits Ordinance.

RATIONALE FOR RECOMMENDATION

Contracted services are required for these large, complex projects. The City does not have the in-house labor or equipment resources to complete the sanitary sewer rehabilitation and replacement sewer projects or address all emergency/urgent sewer repair work. If action is delayed, the sewer repairs will be delayed. This would in turn delay the repaving project on Potter Street.

ALTERNATIVE ACTIONS CONSIDERED

The City could decide not to rehabilitate the sewer mains at this time. However, these lines are in poor condition and in need of rehabilitation now or in the near future. If not done soon, the sewer system will continue to age and the probability of future sanitary sewer leakages and backup problems will increase.

CONTACT PERSON

Jeffrey L. Egeberg, Manager of Engineering, Public Works, 981-6400
Kenneth Emeziem, Supervising Civil Engineer, Public Works, 981-6444
Ron Ranada, Assistant Civil Engineer, Public Works, 981-6415

Attachments:

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

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

CONTRACT: CALIFORNIA TRENCHLESS, INC. FOR SANITARY SEWER PROJECT ON POTTER STREET, ASHBY AVENUE (STATE HIGHWAY 13), 7TH STREET, FOLGER AVENUE, AND THE SOUTHERN PACIFIC CO. RIGHT-OF-WAY

WHEREAS, the Sanitary Sewer Project located on Potter Street, Ashby Avenue (State Highway 13), 7th Street, Folger Avenue, and the Southern Pacific Co. ROW is part of the City's on-going Sewer Capital Improvement Program to replace the aging and deteriorated sanitary sewer system; and

WHEREAS, such Capital Improvement Program is a requirement of compliance with the National Pollution Discharge Elimination System Permit and Regional Water Quality Control Board Cease and Desist Order; and

WHEREAS, the sewer must be rehabilitated in advance of street repaving work; 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 was duly advertised and California Trenchless, Inc. was the lowest bidder; and

WHEREAS, funds are available in the Sanitary Sewer Fund (830-5213-432-6510-13SR02), and the contract has been entered in the City database as CMS No. DAABK.

NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Plans and Specifications No. 13-10690-C for the Sanitary Sewer Project located on Potter Street, Ashby Avenue (State Highway 13), 7th Street, Folger Avenue, and the Southern Pacific Co. ROW are approved.

BE IT FURTHER RESOLVED that the bid of the lowest responsive and responsible bidder, California Trenchless, Inc., is accepted.

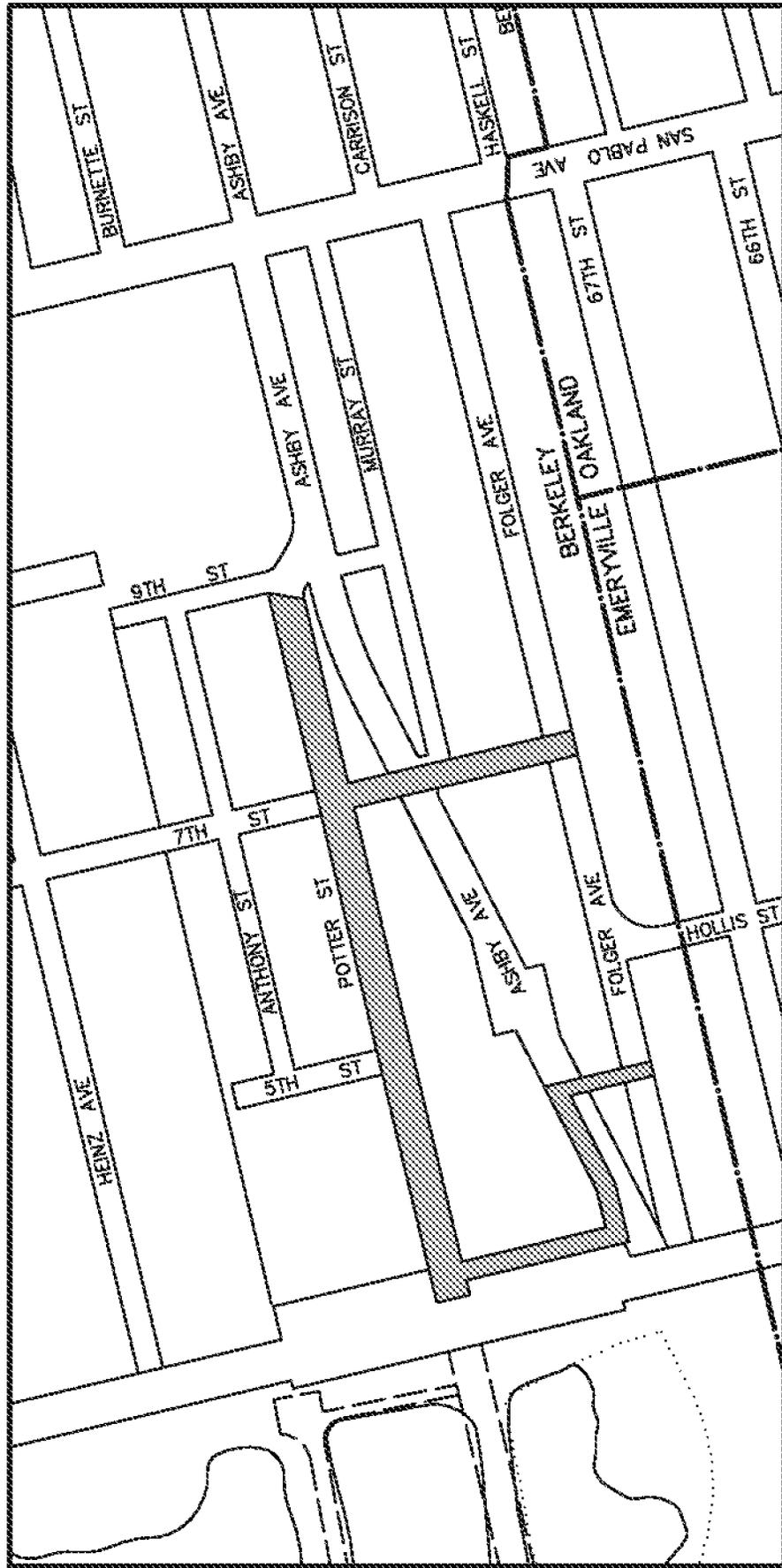
BE IT FURTHER RESOLVED that the Council of the City of Berkeley authorizes the City Manager to execute a contract and any amendments, extensions or change orders with California Trenchless, Inc., until completion of the project in accordance with the approved specifications for the Sanitary Sewer Project located on Potter Street, Ashby Avenue (State Highway 13), 7th Street, Folger Avenue, and the Southern Pacific Co. ROW, in an amount not to exceed \$1,138,862 that includes a 20% contingency for unforeseen circumstances. A record signature copy of said agreement and any amendments to be on file in the Office of the City Clerk.

LOCATION MAP

SANITARY SEWER REHABILITATION

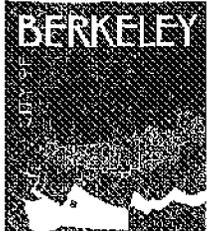
POTTER STREET, ASHBY AVENUE (STATE HIGHWAY 13), 7TH STREET,
FOLGER AVENUE, AND SOUTHERN PACIFIC CO. R/O/W

SPECIFICATION NO. 13-10690-C



— CONSTRUCTION AREA

ATTACHMENT 2



City of Berkeley
Abstract of Bid Worksheet

Finance Department
General Services Division

FOR: SANITARY SEWER REHABILITATION, POTTER ST, ASHBY
AVE (STATE HIGHWAY 13), 7TH ST, FOLGER AVE, AND
SOUTHERN PACIFIC CO. R/O/W

Spec. # 13-10690-C Bid Date: 10/23/12

	Bidders	Base Bid	Nuc Free	Work Force Comp	Opp. States	Living Wage	EBO	Bid Bond	Addenda
1	Charles Amador	970,277	/		/		/	/	1
2	California Sewerless	949,051	/		/		/	/	1
3									
4									
5									
6									
7									
8									
9									
10									

Bid Recorder: *[Signature]* 10/23/12
 Bid Opener: *[Signature]*
 Project Manager: *[Signature]*