



Office of the City Manager

CONSENT CALENDAR
September 19, 2006

To: Honorable Mayor and
Members of the City Council

From:  Phil Kamlarz, City Manager

Submitted by: Claudette Ford, Director of Public Works

Subject: Contract: Sanitary Sewer Project

RECOMMENDATION

Adopt a Resolution approving plans and specifications for the Sanitary Sewer Project located at Shattuck Avenue, Tremont Street, 62nd Street, 63rd Street, Martin Luther King Jr. Way, Adeline Street, and Parnassus Road Backline; and authorizing the City Manager to execute a contract and any amendments, extensions or other change orders with Pacific Trenchless, Inc., until completion of the project in accordance with the approved plans and specifications in an amount not to exceed \$908,930 for a term of 220 days from the date of the execution of the contract.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in an allocation from the FY 2007 Sewer Capital Improvement Project budget, Sanitary Sewer Fund (Fund 830). No other funding is required, and no other projects will be delayed due to this expenditure.

Low bid by Pacific Trenchless, Inc.	\$826,300
10% Contingency.....	\$82,630
Total construction cost	\$908,930

Budget Codes:

830-5303-432-6510-07SR02	\$676,300
830-5303-432-6510-07SR03	\$150,000
830-5303-432-6510-07SR02 (10% Contingency).....	\$82,630
Total construction cost	\$908,930

Contract Management System (CMS) #G6PFB.

CURRENT SITUATION AND ITS EFFECTS

The sanitary sewer collection system within this project is quite old and subject to frequent pipe failures, sewer blockages, and frequent leakage problems. Field investigations performed using a closed circuit television camera indicated root infiltrations from City trees, pipe defects, and

open joints in the existing sewer mains. City maintenance crews received complaints and have records of recurring sewer leakages and backup problems at these locations.

The sewer rehabilitation project locations as shown on the attached map (Attachment 2) along with an estimate of the approximate construction cost and time for each location, are as follows:

1. Shattuck Avenue between Ward Street and Woolsey Street - \$211,450 (35 days)
2. Tremont Street between Essex Street and Berkeley/Oakland boundary – \$36,440 (10 days)
3. 62nd Street between Martin Luther King, Jr, Way and Berkeley/Oakland boundary - \$85,002 (15 days)
4. 63rd Street between Martin Luther King, Jr, Way and Berkeley/Oakland boundary - \$67,600 (10 days)
5. Martin Luther King, Jr., Way between 62nd Street and 63rd Street - \$64,253 (10 days)
6. Adeline Street between Alcatraz Avenue and Berkeley/Oakland boundary - \$117,797 (25 days)
7. Parnassus Road Backline bounded by Buena Vista Way, Parnassus Road and U.C. Berkeley property – \$243,758 (45 days)

The term of the contract is 220 calendar days, which includes a performance period of 150 days and an additional 70 calendar days for project closeout beyond the above construction time. We will not be able to set firm dates for the term of the contract until it is finally executed. This has been approved by the City's Contract Administrator.

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, 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, has implemented a long-term, mandated Sanitary Sewer Capital Improvement Program.

This is the eighteenth 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 project was released for bid on June 14, 2006, and bids were opened on July 11, 2006. Four (4) non-local bids were received from a low of \$826,300 to a high of \$1,133,600 (Attachment 3). Pacific Trenchless, Inc. of Oakland, California is the lowest responsive and responsible bidder, and it is recommended that a contract for this project be awarded to the firm.

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.

The Living Wage Ordinance does not apply to this project, since Public Works construction contracts are subject to State prevailing wage laws. Pacific Trenchless, Inc. has submitted a Certification of Compliance for the Equal Benefits Ordinance.

RATIONALE FOR RECOMMENDATION

The work to be done consists of, in general, rehabilitation and construction of approximately 6,150 linear feet of six-inch and eight-inch diameter sanitary sewer, construction of manholes, replacement of approximately 3,000 linear feet of four-inch diameter sewer laterals and related work.

The scope of work includes additional funds for emergency/urgent work and contingency construction services on as needed basis at various locations within the City of Berkeley.

ALTERNATIVE ACTIONS CONSIDERED

No alternative action was considered in the replacement and rehabilitation of the existing sewer main. This project went through a sequence of different stages such as planning, preliminary cost estimates, field investigations, surveys, and design prior to the implementation of the project.

CONTACT PERSON

Jeffrey L. Egeberg, Manager of Engineering 981-6400

Attachments

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

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

CONTRACT FOR SANITARY SEWER PROJECT WITH PACIFIC
TRENCHLESS, INC.

WHEREAS, the Sanitary Sewer Project located at Shattuck Avenue, Tremont Street, 62nd Street, 63rd Street, Martin Luther King, Jr. Way, Adeline Street, and Parnassus Road Backline 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 a National Pollution Discharge Elimination System Permit and Regional Water Quality Control Board Cease and Desist Order; and

WHEREAS, the City has neither the labor nor the equipment necessary to undertake this Sanitary Sewer Project; and

WHEREAS, an invitation for bids (plans and specifications No. 06-10142-C) was duly advertised and Pacific Trenchless, Inc., was determined to be the lowest responsive and responsible bidder; and

WHEREAS, funds are available in the current year budget in the Sewer Capital Improvement Project (Budget Codes 830-5303-432-6510-07SR02 and 830-5303-432-6510-07SR03), and the contract has been entered in the Citywide contract database with CMS #G6PFB; the term will be 220 days from the date of the execution of the contract.

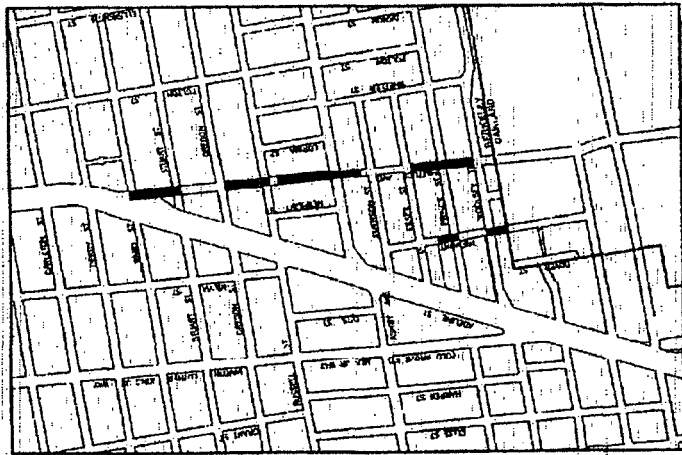
NOW THEREFORE, BE IT RESOLVED that the Council of the City of Berkeley approves the plans and specifications No. 06-10142-C for the Sanitary Sewer Project located at Shattuck Avenue, Tremont Street, 62nd Street, 63rd Street, Martin Luther King, Jr. Way, Adeline Street, and Parnassus Road Backline; and authorizes the City Manager to execute a contract and any amendments, extensions or other change orders with Pacific Trenchless, Inc., until completion of the project in accordance with the approved plans and specifications, in an amount not to exceed \$908,930 for a period of 220 days from the date of the execution of the contract. A record signature copy of said agreement and any amendments to be on file in the Office of the City Clerk.

LOCATION MAP

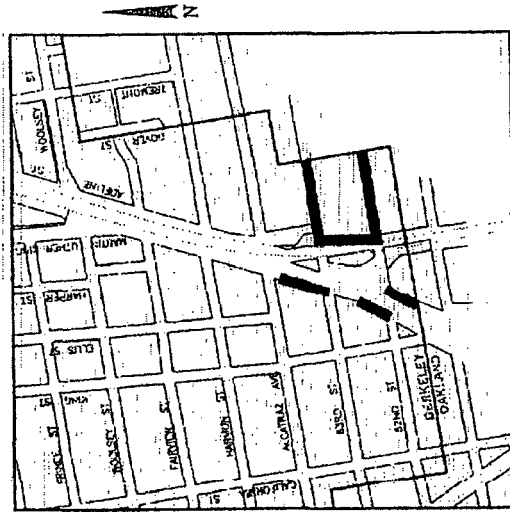
SANITARY SEWER REHABILITATION AND REPLACEMENT

**SHATTUCK, TREMONT, 62ND, 63RD
MARTIN LUTHER KING JR. WAY, ADELINE
BACKLINES: PARNASSUS**

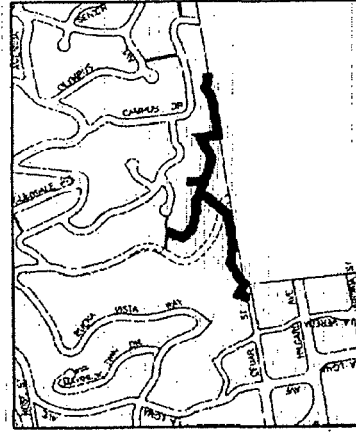
SPECIFICATION NO. 06-10142-C



VICINITY MAP



VICINITY MAP



VICINITY MAP

LEGEND

— CONSTRUCTION AREA

ATTACHMENT "2"

