




Office of the City Manager

CONSENT CALENDAR  
December 18, 2007

To:  Honorable Mayor and Members of the City Council

From:  Phil Kamlarz, City Manager

Submitted by: Claudette R. Ford, Director, Public Works

Subject: Contract: Precision Engineering, Inc. for Sanitary Sewer Project at Bancroft Way, Sacramento Street, et al

RECOMMENDATION

Adopt a Resolution approving plans and specifications for the Sanitary Sewer Project located at Bancroft Way, Sacramento Street, Acton Street, Dohr Street, Stanton Street, Russell Street and Oregon Street; and authorizing the City Manager to execute a contract and any amendments, extensions or other change orders with Precision Engineering, Inc., until completion of the project in accordance with the approved plans and specifications in an amount not to exceed \$637,873 for a term of 220 calendar days from the date of the execution of the contract.

FISCAL IMPACTS OF RECOMMENDATION

Funding is available in an allocation from the FY 2008 Sewer Capital Improvement Project budget (Fund 830). No other funding is required, and no other projects will be delayed due to this expenditure.

Low bid by Precision Engineering, Inc.....	\$579,885
10% Contingency .....	\$57,988
<b>Total construction cost.....</b>	<b>\$637,873</b>

Budget Codes:

830-5303-432-6510-08SR02.....	\$459,885
830-5303-432-6510-08SR03.....	\$120,000
830-5303-432-6510-08SR02(10% Contingency) .....	\$57,988
<b>Total construction cost.....</b>	<b>\$637,873</b>

Contract Management System No. is W7XGB.

CURRENT SITUATION AND ITS EFFECTS

The sanitary sewer collection system within this project is quite old and subject to 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 have 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 (not including contingency) and time for each location are as follows:

1. Bancroft Way between Bonar Street and Sacramento Street- \$170,490  
(44 days)
2. Sacramento Street between Addison Street and Bancroft Way - \$162,370  
(42 days)
3. Acton Street between Oregon Street and Russell Street-\$53,710 (14 days)
4. Dohr Street between Oregon Street and Russell Street -\$39,380 (10 days)
5. Stanton Street between Oregon Street and Russell Street - \$43,430 (12 days)
6. Russell Street between Acton Street and Sacramento Street - \$79,380  
(20 days)
7. Oregon Street between Acton Street and Dohr Street - \$31,125 (8 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.

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 and Regional Water Quality Control Board Cease and Desist Order to eliminate sewage overflows and reduce storm water infiltration and inflow into the sanitary sewer system, 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 September 18, 2007, and bids were opened on October 16, 2007. Five (5) non-local bids were received from a low of \$579,885 to a high of \$697,781 (Attachment 3). Precision Engineering, Inc. of San Francisco, 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. Precision Engineering, Inc., has submitted a Certification of Compliance for the Equal Benefits Ordinance.

RATIONALE FOR RECOMMENDATION

The work to be done consists of, in general, replacement of approximately 4,870 linear feet of 8-inch and 10-inch diameter sanitary sewer, construction of manholes, replacement of approximately 2,970 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.

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: PRECISION ENGINEERING, INC. FOR SANITARY SEWER PROJECT  
FOR BANCROFT WAY, SACRAMENTO STREET ET AL

WHEREAS, the Sanitary Sewer Project located at Bancroft Way, Sacramento Street, Acton Street, Dohr Street, Stanton Street, Russell Street and Oregon Street, 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. 08-10262-C) was duly advertised and Precision Engineering, Inc. was determined to be the lowest responsive and responsible bidder; and

WHEREAS, funds totaling \$637,873 are available in the current year budget in the Sewer Capital Improvement Project (Budget Codes 830-5303-432-6510-08SR02, 830-5303-432-6510-08SR03), and the contract has been entered in the Citywide contract database with CMS No. W7XGB.

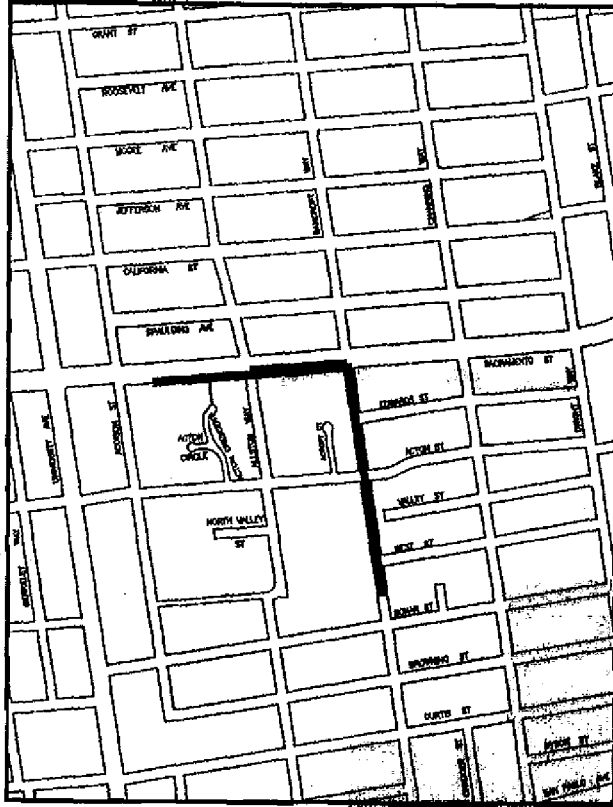
NOW THEREFORE, BE IT RESOLVED that the Council of the City of Berkeley approves the Plans and Specifications No. 08-10262-C for the Sanitary Sewer Project located at Bancroft Way, Sacramento Street, Acton Street, Dohr Street, Stanton Street, Russell Street and Oregon Street; and authorizes the City Manager to execute a contract and any amendments, extensions or other change orders with Precision Engineering, Inc., until completion of the project in accordance with the approved plans and specifications, in an amount not to exceed \$637,873. 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**

**BANCROFT WAY, SACRAMENTO STREET  
ACTON STREET, DOHR STREET, STANTON STREET  
RUSSELL STREET, OREGON STREET**

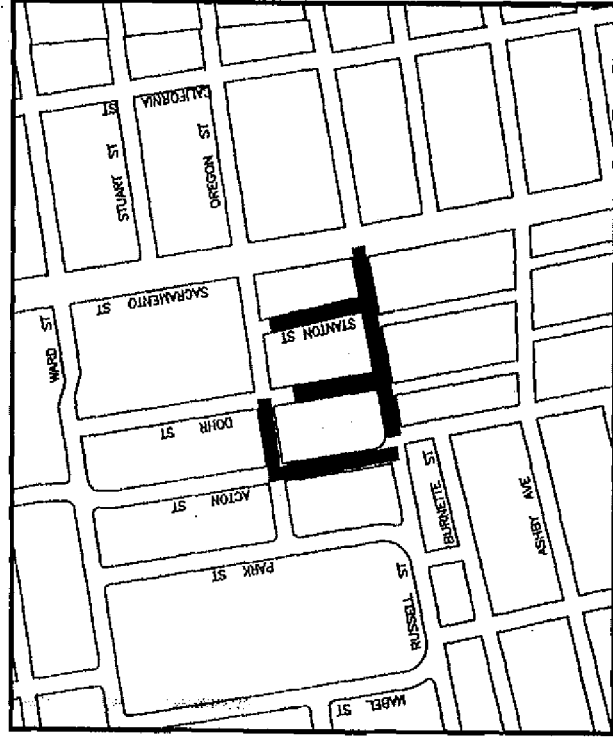
SPECIFICATION NO. 08-10262-C



VICINITY MAP

LEGEND

— CONSTRUCTION AREA



VICINITY MAP

