



Office of the City Manager

CONSENT CALENDAR  
September 11, 2007

To: Honorable Mayor and  
Members of the City Council

From: *PK* Phil Kamlarz, City Manager

Submitted by: Claudette R. Ford, Director Public Works

Subject: Contract: Sanitary Sewer Project - Pacific Trenchless, Inc.

RECOMMENDATION

Adopt a Resolution approving plans and specifications for the Sanitary Sewer Project located at Eight Street, Ninth Street, and Folger Avenue; 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 \$458,634 for a term of 190 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 Pacific Trenchless, Inc.....	\$416,940
10% Contingency .....	<u>41,694</u>
<b>Total construction cost.....</b>	<b>\$458,634</b>

Budget Codes:

830-5303-432-6510-08SR02.....	\$341,940
830-5303-432-6510-08SR03.....	\$75,000
830-5303-432-6510-08SR02(10% Contingency) .....	<u>\$41,694</u>
<b>Total construction cost.....</b>	<b>\$458,634</b>

Contract Management System (CMS) No. PWC6Q

### 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. Eight Street between University Avenue and Hearst Avenue - \$62,541 (18 days)
2. Ninth Street between University Avenue and Hearst Avenue - \$50,032 (14 days)
3. Ninth Street between Jones Street and Virginia Street - \$75,050 (22 days)
4. Folger Avenue between San Pablo Avenue and Third Street (UPRR Right of Way) - \$229,317 (66 days)

The term of the contract is 190 calendar days, which includes a performance period of 120 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 (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, implemented a long-term, mandated Sanitary Sewer Capital Improvement Program.

This is the 18th 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 May 24, 2007, and bids were opened on June 19, 2007. Seven (7) non-local bids were received from a low of \$416,940 to a high of \$898,525 (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, replacement of approximately 3,000 linear feet of 6-inch, 8-inch, 12-inch, and 18-inch diameter sanitary sewer, construction of manholes, replacement of approximately 1,950 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: PACIFIC TRENCHLESS, INC., SANITARY SEWER PROJECT, EIGHTH STREET, NINTH STREET AND FOLGER AVENUE

WHEREAS, the Sanitary Sewer Project located at Eight Street, Ninth Street, and Folger Avenue, is part of the City's on-going Sewer Capital Improvement Program to replace the aging and deteriorated sanitary sewer system; and

WHEREAS, this Capital Improvement Program is a requirement for 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. 07-10181-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 FY 2008 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. PWC6Q; the term will be 190 days from the date of the execution of the contract.

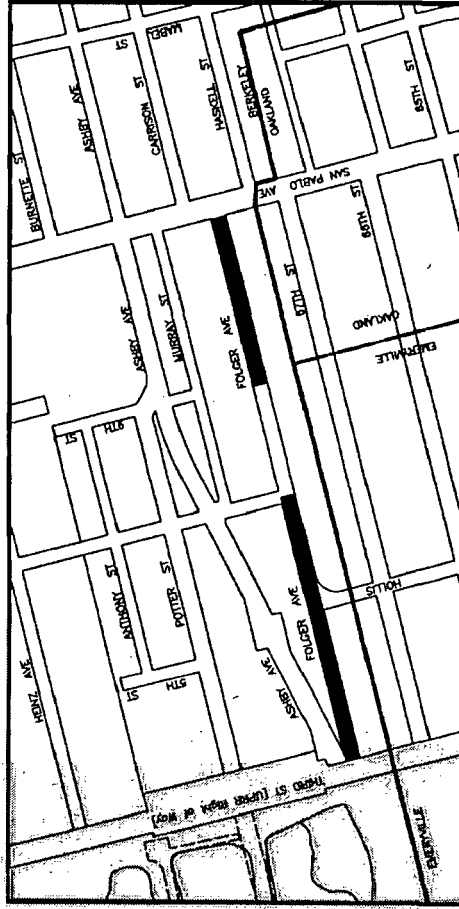
NOW THEREFORE, BE IT RESOLVED that the Council of the City of Berkeley approves the plans and specifications for the Sanitary Sewer Project located at Eight Street, Ninth Street, and Folger Avenue; and authorizes the City Manager to execute a contract and any amendments, extensions or other change orders with Pacific Trenchless, Inc., until completion of the project in accordance with the approved plans and specifications, in an amount not to exceed \$458,634. 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

## EIGHTH STREET, NINTH STREET, FOLGER AVENUE

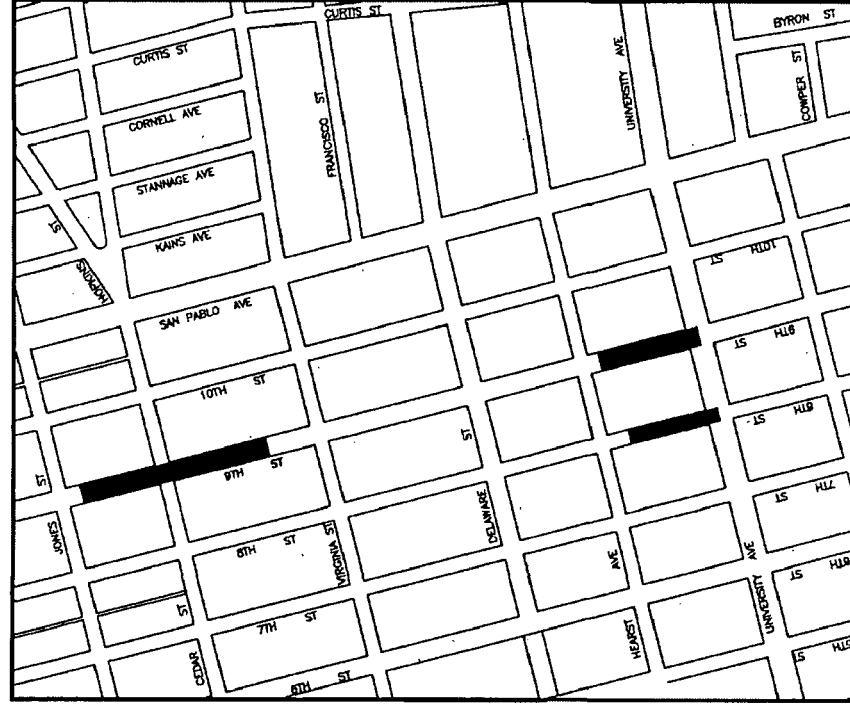
SPECIFICATION NO. 07-10181-C



VICINITY MAP  
FOLGER AVENUE

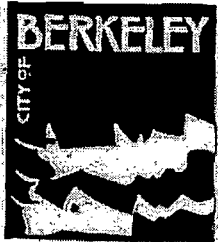
LEGEND

— CONSTRUCTION AREA



VICINITY MAP  
8TH STREET, 9TH STREET

ATTACHMENT "2"



**City of Berkeley**

Abstract of Bids Worksheet

Finance Department  
Purchasing Division

FOR: Sanitary Sewer - 8<sup>th</sup> 9<sup>th</sup> & Folger

SPECIFICATION # 07-10181-C

BID DATE: 6/19/07

Bidders:	Base Bid	Proposal	Berk. Bus. Lic.	Living Wage	Ins./ Bonds	Opp. States	Nuc. Free	Work Force Comp.	Equal Benefits
Pravira Corp	553,140.00				/	/	/		/
Parsons Pipeline	676,840.00				/	/	/		/
Machonick & Swannell	510,780.00				/	/	/		/
Grounding ELEC.	478,330.00	CASHIER OK 47833.00			/	/	/		/
DAVEY HARTY CONCRETE	513,090.00				/	/	/		/
Pacific Surfactants Inc.	416,940.00				/	/	/		/
Journal Eng.	898,525.00				/	/	/		/

Bid Opener Signature: Kamaleen Purgona 6/19/07  
 Recorder Signature: [Signature]  
 Project Mgr. Signature: [Signature] 6/19/07

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