



Office of the City Manager

CONSENT CALENDAR  
March 20, 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

RECOMMENDATION

Adopt a Resolution approving plans and specifications for the Sanitary Sewer Project located at Baker Street, Derby Street, Milvia Street, Sacramento Street, Tyler Street, Hearst Avenue, Scenic Avenue, La Loma Avenue, and Highland Place; and authorizing the City Manager to execute a contract and any amendments, extensions or other change orders with Ranger Pipelines, Inc., until completion of the project in accordance with the approved plans and specifications in an amount not to exceed \$455,994 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 2007 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 Ranger Pipelines, Inc..... | \$414,540        |
| 10% Contingency.....                  | \$41,454         |
| <b>Total construction cost .....</b>  | <b>\$455,994</b> |

Budget Codes:

|  |                  |
|--|------------------|
| 830-5303-432-6510-07SR02 .....                 | \$339,540        |
| 830-5303-432-6510-07SR03 .....                 | \$75,000         |
| 830-5303-432-6510-07SR02(10% Contingency)..... | \$41,454         |
| <b>Total construction cost .....</b>           | <b>\$455,994</b> |

Contract Management System No. is Y43QJ.

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 and time for each location are as follows:

1. Baker Street between Harmon Street and Alcatraz Avenue - \$30,095 (9 days)
2. Derby Street between Telegraph Avenue and Hillegass Avenue - \$90,287 (26 days)
3. Milvia Street between Oregon Street and Russell Street - \$20,685 (6 days)
4. Sacramento Street between Julia Street and Prince Street - \$97,832 (28 days)
5. Tyler Street between Sacramento Street and California Street - \$69,062 (20 days)
6. Hearst Avenue between Le Conte Avenue and Scenic Avenue - \$32,583 (9 days)
7. Scenic Avenue between Hearst Avenue and #1820 Scenic Avenue - \$27,608 (8 days)
8. La Loma Avenue between Hearst Avenue and Ridge Road - \$30,096 (9 days)
9. Highland Place between Hearst Avenue and Ridge Road - \$16,292 (5 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. We will not be able to set firm dates for the term of the contract until it is finally executed. The City's Contract Administrator has approved this contract.

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 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 January 8, 2007, and bids were opened on January 30, 2007. Five (5) non-local bids were received from a low of \$414,540 to a high of \$456,650 (Attachment 3). Ranger Pipelines, 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. Darcy and Harty Construction, 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 3,330 linear feet of six-inch and eight-inch diameter sanitary sewer, construction of manholes, replacement of approximately 2,120 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: SANITARY SEWER PROJECT

WHEREAS, the Sanitary Sewer Project located at Baker Street, Derby Street, Milvia Street, Sacramento Street, Tyler Street, Hearst Avenue, Scenic Avenue, La Loma Avenue, and Highland Place 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. 07-10182-C) was duly advertised and Ranger Pipelines, 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 No. Y43QJ; 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 No. 07-10182-C for the Sanitary Sewer Project located at Baker Street, Derby Street, Milvia Street, Sacramento Street, Tyler Street, Hearst Avenue, Scenic Avenue, La Loma Avenue, and Highland Place; and authorizes the City Manager to execute a contract in the amount of \$414,540 and any amendments, extensions or other change orders with Ranger Pipelines, Inc., until completion of the project in accordance with the approved plans and specifications. . A record signature copy of said agreement and any amendments to be on file in the Office of the City Clerk.

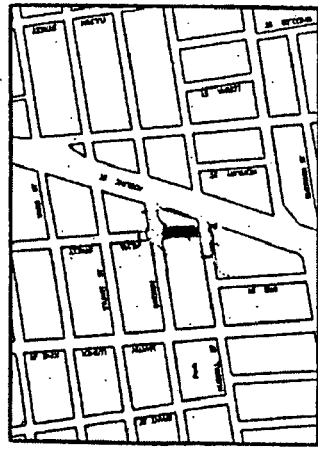
NOW THEREFORE, BE IT FURTHER RESOLVED by the Council of the City of Berkeley that the total not to exceed amount of this contract with any amendments, extensions or change orders shall not exceed \$455,994, which consists of the bid of \$414,540 from Ranger Pipelines, Inc. and a 10% contingency.

LOCATION MAP

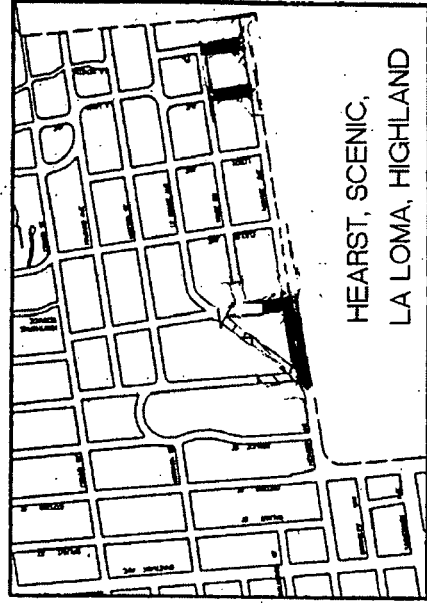
**SANITARY SEWER REHABILITATION AND REPLACEMENT**

BAKER, DERBY, MILVIA, SACRAMENTO  
TYLER, HEARST, SCENIC, LA LOMA, HIGHLAND

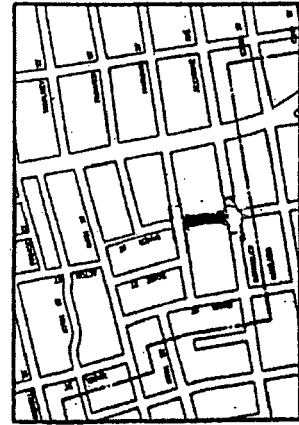
SPECIFICATION NO. 07-10182-C



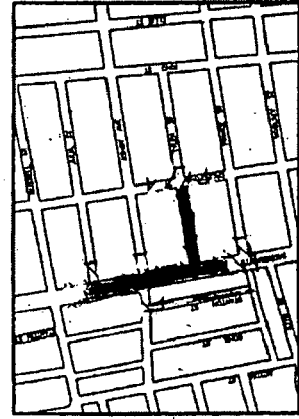
VICINITY MAP  
MILVIA



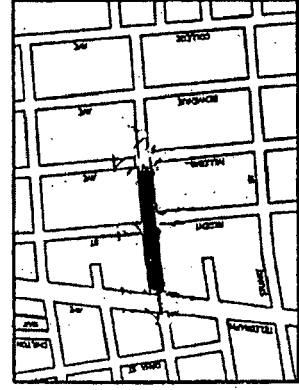
HEARST, SCENIC,  
LA LOMA, HIGHLAND



VICINITY MAP  
BAKER



VICINITY MAP  
SACRAMENTO TYLER



VICINITY MAP  
DERBY



LEGEND

— CONSTRUCTION AREA

