

Office of the City Manager

CONSENT CALENDAR November 12, 2013

To: Honorable Mayor and Members of the City Council

From: () Christine Daniel, City Manager

Submitted by: Andrew Clough, Director, Public Works

Subject: Contract: Precision Engineering, Inc. for Sanitary Sewer Rehabilitation

Project on Panoramic Way - Phase II

RECOMMENDATION

Adopt a Resolution:

- 1. Approving the plans and specifications for the Sanitary Sewer Project, 12-10617-C, located on Panoramic Way; and
- 2. Accepting the bid of the lowest responsive and responsible bidder, Precision Engineering, 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 \$944,386.

FISCAL IMPACTS OF RECOMMENDATION

Funds are available in the Sanitary Sewer Fund (Fund 830). No other funding is required.

Total construction cost	\$944,386
20% Contingency	\$157,398
Low bid by Precision Engineering, Inc.	\$786,988

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

CURRENT SITUATION AND ITS EFFECTS

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

The sewer rehabilitation project is located on Panoramic Way, from Mosswood Road to Dwight Way (see Map, Attachment 2).

The term of the contract is 150 calendar days, which includes a performance period of 90 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 25th 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 generally consists of rehabilitation and construction of sanitary sewer mains via pipe-bursting (1,960 LF of upsizing 6-inch diameter pipe to 8-inch) and open-trench (520 LF of 8-inch diameter pipe) methods, construction of manholes, manhole rehabilitation, excavation, replacement of sewer laterals (4-inch and 6-inch diameter), 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 September 13, 2013, and 8 non-local bids were received by September 24, 2013. These ranged from a low of \$786,988 to a high of \$1,023,000, with Precision Engineering, Inc. as the lowest apparent responsive responsible bidder. References for Precision Engineering were provided and checked out satisfactorily, and staff recommends that the contract for this project be awarded to them.

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 contractor 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.

ALTERNATIVE ACTIONS CONSIDERED

None.

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: PRECISION ENGINEERING, INC. FOR SANITARY SEWER PROJECT ON PANORAMIC WAY – PHASE II

WHEREAS, the Sanitary Sewer Project located on Panoramic Way 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 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 Precision Engineering, Inc. was the lowest responsive and responsible bidder; and

WHEREAS, funds are available in the Sanitary Sewer Fund (Fund 830), and the contract has been entered in the City database with CMS No. NXPXB.

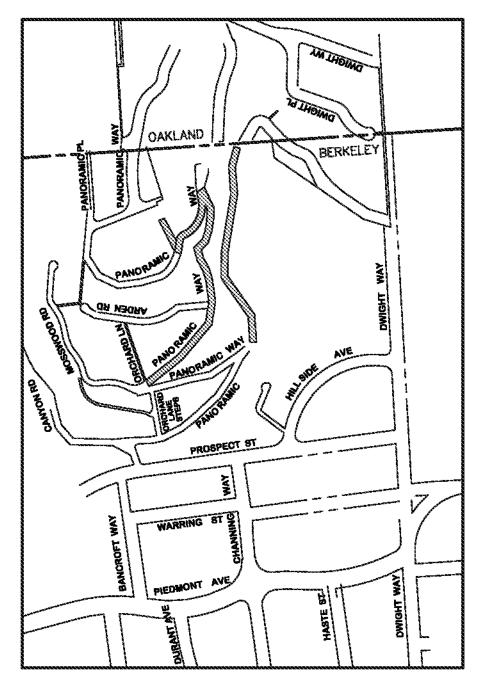
NOW THEREFORE, BE IT RESOLVED by the Council of the City of Berkeley that the Plans and Specifications No. 12-10617-C for the Sanitary Sewer Project located on Panoramic Way are approved.

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 Precision Engineering, Inc., until completion of the project in accordance with the approved specifications for the Sanitary Sewer Project located on Panoramic Way, in an amount not to exceed \$944,386 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

PANORAMIC WAY AREA: PHASE II (PANORAMIC WAY AND BACKLINE)

SPECIFICATION NO. 12-1087-C



MAP LEGEND

- CONSTRUCTION AREA

ATTACHMENT



74.45

City of Berkeley Abstract of Bid Worksheet

Finance Department General Services Division

FOR: Saner Rohabilitation Project - Panoramia	Confident an	75.47	Spec. #		12-10617-C	\$	Bid Di	Bid Date: 04/24//3	24/13
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3 Pacason BNB	A SA	181,988.							
4 PROFICE RENOTLESS	84) 504.						1		
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6 1 HOWARD EUS.	879, 496.								
1 GRULD WINGS ENGO	935,000.				\		\		
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2180 Milvia Street, Berkeley, CA 94704 Tel: 510.981,7320 TDD: 510.981.6903 Fax: 510.981,7390

Project Manager:

Bid Opener.

E-mail: finance@ci.berkeley.ca.us