

REPORT

To the Honorable Mayor and City Council
From the City Manager

June 22, 2009

SUBJECT

Award of Contract – El Camino Real Sewer and Water Main Replacement Project (Lincoln Avenue to Roosevelt Avenue)

RECOMMENDATION

Approve, by motion, the contract documents and award the contract for the El Camino Real Sewer and Water Main Replacement Project (Lincoln Avenue to Roosevelt Avenue) to the lowest responsible bidder, Casey Construction, Inc. of Emerald Hills for their responsive and responsible low bid of \$231,889.00 and authorize the City Manager to increase the contract amount up to 10% if necessary.

BACKGROUND

The city systematically replaces sections of aging sewer infrastructure to ensure the continued reliability of the system. Every year, Engineering and Construction staff and Public Works Services staff collectively work to identify pipelines that have required excessive maintenance or have experienced repeated service disruptions. The sanitary sewer pipeline between Lincoln Avenue and Roosevelt Avenue has required repeated repair by the city's Public Works Services staff. Closed circuit television (CCTV) inspection has revealed numerous defects in this section of sanitary sewer pipeline such as offset joints, sags and severe cracks. The city's Engineering staff evaluated a number of construction options for repair/replacement of this section including traditional open trench and trenchless techniques to determine the most cost-effective method of mitigation. Alternative alignments that would have relocated the sanitary sewer from the sidewalk to the street were evaluated as well, however, were found not feasible due to site constraints created by an existing concrete box culvert which runs parallel to the sewer pipeline. Staff recommends using a traditional open trench method to replace the pipeline in the existing sidewalk location thereby requiring replacement of the sidewalk as well as the pipeline. Staff recommends replacement, at the same time, of an existing and aging 2-inch galvanized water pipeline to avoid re-excavating the same general area in the near future. The existing poorly performing water pipeline will be replaced with 8-inch PVC to increase the flow and pressure of water service in the neighborhood.

The proposed project will replace approximately 400 linear feet of sewer and water pipeline along El Camino Real between Lincoln Avenue and Roosevelt Avenue. PG&E has installed electrical service on top of the city's sewer and water pipelines in this area which may complicate the city's efforts to replace the sewer and water pipelines. Engineering staff has coordinated the work of this project with PG&E and has requested the relocation of PG&E's electrical facilities. As well, since El Camino Real is a state route, the city has secured the permit to work within the roadway as required by the state.

Nine (9) bids were received at the bid opening on Wednesday May 13, 2009 for the "El Camino Real Sewer and Water Main Replacement Project (Lincoln Avenue to Roosevelt Avenue)" which are summarized in the table below.

Bidder	Bid Amount
Casey Construction, Inc. – Emerald Hills	\$231,889.00
K J Woods Construction, Inc. – San Francisco	238,000.00
Stoloski & Gonzalez, Inc. – Half Moon Bay	244,527.00
Peak Engineering, Inc. - Oakland	251,745.00
W.R. Forde Associates - Richmond	274,870.00
J & M, Inc. - Livermore	281,313.50
EPS, Inc. – San Mateo	320,882.33
P & J Utility Co., Inc. – San Francisco	323,790.00
Pacific Underground Construction, Inc. – San Jose	345,135.00
Engineer's Estimate	\$280,000.00
<u>Recommended Bidder:</u> Casey Construction, Inc. of Emerald Hills. <u>Substantiation:</u> Casey Construction, Inc. of Emerald Hills is the lowest responsive and responsible bidder.	


The low bid of \$231,889.00 submitted by Casey Construction is 17% lower than the engineer's estimate of \$280,000.00. Staff attributes this variance to a very competitive bidding. Based on the bids received, staff believes that the low bid of \$231,889.00 is reasonable and responsive, and recommends awarding the contract to Casey Construction, Inc.

ALTERNATIVES


Council may choose not to award the contract and direct staff to modify the scope of work and resolicit bids for this work.

FISCAL IMPACT

Funds for the general work of this project have been approved and appropriated and appear in the Fiscal Year 2008/09 budget as Sewer Fund Capital Projects, Collection System Replacement Program which has an available balance of \$727,779.09 and Water Fund Capital Projects, Distribution System Replacement Program which has as available balance of \$974,280.61 as of April 30, 2009.


 Jimmy Tan, P.E.
 Senior Civil Engineer


 S. Peter Vorametsanti, P.E.
 City Engineer


 Chu Chang, Director
 Community Development Services Director


 Peter Ingram
 City Manager

ATTACHMENTS

None

RELATED DOCUMENTS IN CITY CLERK'S OFFICE

1. Contract Documents
2. Bid Documents