



City of San Leandro

Meeting Date: April 20, 2015

Staff Report

File Number: 15-194 **Agenda Section:** CONSENT CALENDAR

Agenda Number: 8.D.

TO: City Council

FROM: Chris Zapata
City Manager

BY: Keith Cooke
Acting Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: Staff Report for a Resolution Awarding a Construction Contract to All Phase Excavation & Construction, Inc. for the Fiber Loop City Hall to Main Library Project, Project No. 2013.0270 and Appropriation of \$30,000.00 from the General Fund Economic Uncertainty Reserves

SUMMARY AND RECOMMENDATIONS

The subject project will place fiber optic communications cable between City Hall and the Main Library along a new, separate and dedicated route.

Staff recommends that the City Council award the contract to the lowest responsible bidder, All Phase Excavation & Construction, Inc., in the amount of \$62,990.00 for the subject project and appropriate \$30,000.00 from the General Fund economic uncertainty reserves for the subject project.

BACKGROUND

The City of San Leandro has a fiber communication network connecting all major City facilities including the Civic Center, Main and Manor Libraries, Public Works Service Center, Marina and Senior Community Centers, the Water Pollution Control Plant, and a majority of our traffic signals. The fiber system allows nearly instant communication between these locations and allows City staff to monitor traffic and adjust traffic signal timing in real time. The majority of the system consists of a loop of fiber that gives the system redundancy. If the fiber loop is cut between two adjacent users, data will still be shared across the cut because it is automatically sent the long way around the loop. A notable exception is the link between the Civic Center and the Main library, which are currently connected by only a single conduit and fiber cable. The fiber between the Civic Center and Main Library has been cut twice, first in 2009 and then again this year. In each instance communication between City Hall and the other users was lost until the fiber was repaired many hours later.

This project will install fiber optic cable along a second conduit route between City Hall and

the Main Library, creating a redundant loop. New conduit installation for this loop was constructed separately under the Fiber Conduit for Broadband Network Expansion Construction contract.

Analysis

The bids were opened on March 10, 2015. Two (2) bids were received at \$62,990.00 and \$73,432.05. The pre-bid engineer's estimate for construction was \$46,473.00. All Phase Excavation & Construction, Inc. was determined by staff to be the lowest responsible bidder. Staff verified that the contractor has a valid license with the Contractor's State License Board and is registered with the Department of Industrial Relations.

The complete project cost is \$150,000.00, which includes design, geotechnical investigation and permitting for the conduit installation that was completed under a separate contract and this work of installing the actual fiber cable. The original project budget was budgeted at \$120,000.00, therefore an appropriation of \$30,000.00 is requested from the General Fund for this project's completion.

Environmental Review

The project has been determined categorically exempt from CEQA per section 15304(f) Minor Alteration to Land. A Notice of Exemption was filed with the County Recorder on May 10, 2013.

Permits and/or Variances Granted

Caltrans issued an Encroachment permit for the segment of work within the State right of way.

Fiscal Impacts

The total cost of this project including design, permits, construction, contingencies and construction management is estimated at \$150,000.

Budget Authority

This project will be funded as follows:

Developer Fees for Street Improvements (DFSI) (allocated in FY 2013-14)	120-38-347	\$60,000.00
Capital Improvement Project Fund (allocated in FY 2013-14)	210-38-347	\$60,000.00
Council approved appropriation via the attached Resolution		<u>\$30,000.00</u>
Total		\$150,000.00

ATTACHMENT

- Bid Summary - Fiber Loop City Hall to Main Library Project

PREPARED BY: John O'Driscoll, Associate Engineer, Engineering and Transportation
Department

BID SUMMARY



This document is a summary of bids received for the subject project and are provided only as a convenience. Listing of a particular bid is not a finding that such bid has been found to be responsive or accepted as complete by the City. An award of contract, if any, is subject to approval of the City Council and/or the City Manager. Contractors should refer to the contract documents for bidding information.

PROJECT TITLE: Fiber Loop City Hall To Main Library
 PROJECT NO.: 2013.0270
 BID NO.: 14-15.008

BID OPENING			ENGINEER'S ESTIMATE		All Phase Excavating & Construction Inc.		GA Technical Services, Inc.	
DATE: Tuesday, March 10, 2015			Date Approved: 2/2/2015		13655 Twin Lakes Lane		9229 Archibald Avenue	
TIME: 3:00 p.m.			Prepared by: J. O'Driscoll		Redding, CA 96003		Rancho Cucamonga, CA 91730	
LOCATION: City Clerk's Office					Phone: (530) 276-4679		Phone: (909) 944-9222	
				Fax: (530) 605-0307		Fax: (909) 382-9897		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
1	Mobilization	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$3,750.00	\$3,750.00
2	Traffic Control and Stationary Construction Area Signs	1 LS	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00	\$9,600.00	\$9,600.00
3	Furnish and Install Conduit at Building Exterior	19 LF	\$45.00	\$855.00	\$100.00	\$1,900.00 **	\$132.00	\$2,508.00
4	Furnish and Install Interior Flexible Conduit	66 LF	\$5.00	\$330.00	\$60.00	\$3,960.00 **	\$45.00	\$2,970.00
5	Interior Wall and Floor Penetrations	3 EA	\$900.00	\$2,700.00	\$800.00	\$2,400.00	\$1,300.00	\$3,900.00
6	Furnish and Install 72 Strand Fiber Optic Cable	2803 LF	\$8.00	\$22,424.00	\$10.00	\$28,030.00	\$14.95	\$41,904.85
7	Furnish and Install Fiber Termination Panel	2 EA	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$750.00	\$1,500.00
8	Furnish and Install Pre-Connectorized Fiber Optic Pigtails	144 EA	\$6.00	\$864.00	\$50.00	\$7,200.00	\$36.80	\$5,299.20
9	Fiber Optic Cable Testing	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$1,250.00	\$1,250.00
10	Relocate Patch Cords	1 LS	\$2,800.00	\$2,800.00	\$1,500.00	\$1,500.00	\$750.00	\$750.00
TOTAL BASE BID:				\$46,473.00			\$62,990.00	\$73,432.05
SUBCONTRACTORS:						None	None	
SECURITIES:						10% Bid Bond	10% Bid Bond	
NOTES:						** Math Error Corrected and Addendum #1 Received	** Addendum #1 Not Received	

Reviewed by: John O'Driscoll Date: 3/10/15
 John O'Driscoll, Project Manager

Reviewed by: Nick Thom Date: 3/11/15
 Nick Thom, Senior Engineer



City of San Leandro

Meeting Date: April 20, 2015

Resolution - Council

File Number: 15-195 **Agenda Section:** CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Chris Zapata
City Manager

BY: Keith Cooke
Acting Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: RESOLUTION Awarding a Construction Contract to All Phase Excavation & Construction, Inc. for the Fiber Loop City Hall to Main Library Project, Project No. 2013.0270 and Appropriating \$30,000.00 from the General Fund (awards a contract to the lowest responsible bidder in the amount of \$62,990.00 for the installation of a separate fiber optic communication line between City Hall and the Main Library and appropriates \$30,000.00 from the General Fund Economic Uncertainty Reserves for the project)

WHEREAS, the City of San Leandro did, on March 10, 2015 publicly open, examine and declare all sealed proposals or bids for doing the work described in the bid documents for the subject project; and

WHEREAS, said proposals were submitted to the Engineering and Transportation Director who has found that the proposal hereinafter mentioned is the lowest responsive bid by a responsible bidder for doing said work; and

WHEREAS, the subject project has been deemed categorically exempt from the California Environmental Quality Act.

NOW, THEREFORE, the City Council of the City of San Leandro does RESOLVE as follows:

1. That said City Council hereby rejects all of said proposals or bids except that herein mentioned; hereby waives any irregularities in the proposal or bid of the lowest responsible bidder; and hereby awards the contract for doing said work to the lowest responsible bidder therefore, to wit, All Phase Excavation & Construction, Inc., in the amount of \$62,990.00;

2. That \$30,000.00 of General Fund Economic Uncertainty Reserves are appropriated for the project; and

BE IT FURTHER RESOLVED:

That if the above named contractor is unable to execute the contract, then the City Manager is authorized to award this contract to the next lowest responsible bidder, execute all documents to effect the award, and take all actions necessary to recover any bid security from the low bidder necessary to make the City whole in its acceptance of the lowest bid.