



City of San Leandro

Meeting Date: July 17, 2017

Staff Report

File Number: 17-375 **Agenda Section:** CONSENT CALENDAR

Agenda Number: 8.K.

TO: City Council

FROM: Chris Zapata
City Manager

BY: Keith Cooke
Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: Staff Report for a Resolution to Award a Construction Contract to W. Bradley Electric, Inc. for the Bancroft-Sybil Intersection Improvements Project, Project No. 2014.0440, in the Amount of \$404,267; Authorization for the City Manager to Negotiate and Approve Individual Change Orders Up to 5% of the Original Contract Amount; Authorization for the City Manager to Negotiate and Approve Cumulative Change Orders up to 15% of the Original Contract Amount; and to appropriate \$60,000 from the Development Fees for Street Improvements (DFSI) Fund Balance

RECOMMENDATIONS

The subject project will install safety improvements that include a new and updated traffic control system and signal at the Bancroft Avenue-Sybil Avenue intersection.

Staff recommends awarding the construction contract to W. Bradley Electric, Inc. in the amount of \$404,267 for the subject project; authorizing individual change orders up to 5% of the original contract (\$20,213); authorizing a total change order amount up to 15% of the original contract (\$60,640) and appropriating \$60,000 from the Development Fees for Street Improvements Fund balance to fund the completion of the project.

BACKGROUND

The Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), which was signed into law on August 10, 2005, established the Highway Safety Improvement Program (HSIP) as a core Federal-aid program. The overall purpose of this Program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads through the implementation of infrastructure-related highway safety improvements.

The Engineering & Transportation Department was awarded \$448,800 from the 2011-12 cycle of HSIP to upgrade the traffic signal and improve the traffic safety at the Bancroft Avenue and

Sybil Avenue Intersection.

The intersection ranks high on the City's High Collision Intersections list, which is regularly monitored and updated by City staff. City staff has tried several low cost alternatives to improve the intersection's safety; however, the combined results have shown that additional work is necessary. City staff believes that signal modifications are the most effective and efficient way of improving safety at the intersection.

To reduce left turn-related collisions from Bancroft Avenue and to make it easier for residents to enter the neighborhood, this project will improve the traffic signals by adding a dedicated left turn signal and updating the equipment to current standards. The improved signal will include a new video detection system to better regulate traffic flows and Accessible Pedestrian Signal (APS) equipment to help visually impaired individuals safely cross the street. The project will also include upgrading curb ramps to meet current Americans with Disabilities Act (ADA) standards. A vital component of the pedestrian travel way, curb ramps provide access between sidewalks and street crossings to wheelchair users and others regardless of physical ability.

Analysis

Bids were opened on June 22, 2017. Six (6) bids were received ranging from \$404,267 to \$679,520. The pre-bid engineer's estimate for construction was \$360,600. W. Bradley Electric, Inc. was determined to be the lowest responsible bidder.

The San Leandro Local Inclusion Policy Ordinance did not apply to this project because of the federal grant requirements. Staff verified that W. Bradley Electric, Inc. has a valid contractor's license with the Contractor's State License Board and is registered with the California Department of Industrial Relations.

The low bid exceeds the engineer's estimate for construction and with contingencies the project's total available funding. This project provides for important traffic safety improvements at the Bancroft Avenue and Sybil Avenue intersection that will be beneficial to all users and as a condition to receiving \$448,800 in grant funds the City has guaranteed the completion of the project. Therefore it is recommended that \$60,000 in additional DFSI monies be appropriated to fund the project's completion.

Contract Change Orders

As is standard in the construction industry, staff balanced site investigation costs with the risk of finding unforeseen conditions during construction as well as the design costs with the level of detail on the plans. Unforeseen conditions may be encountered during construction and plan details may need to be adjusted or clarified. In order to minimize delay on the project and ensure that the scope of work is adjusted as needed to provide the highest quality project for the City, staff requests that the City Council authorize the City Manager or his designee to negotiate and approve individual change orders up to 5% (or \$20,213 each) of the original contract amount and cumulative change orders up to 15% (or \$60,640) of the original contract amount. This will ensure efficient completion of the project on budget and on schedule.

Current Agency Policies

- Maintain and enhance San Leandro's infrastructure

Applicable General Plan Policies

Transportation Goal T-2 Design and operate streets to be safe, attractive, and accessible for all transportation users whether they are pedestrians, bicyclists, transit riders or motorists, regardless of age or ability.

Transportation Goal T-3 Promote and accommodate alternative, environmentally-friendly methods of transportation, such as walking and bicycling.

Transportation Goal T-5 Improve major transportation arteries for circulation in and around the city.

Transportation Goal T-7 Improve traffic safety and reduce the potential for collisions on San Leandro streets.

Previous Actions

- On June 19, 2017, by Resolution No. 2017-086, the City Council authorized the City Manager to execute a Program Supplemental Agreement for the construction phase of the Bancroft Sybil Intersection Improvements
- On November 18, 2013, by Resolution No. 2013-146, the City Council authorized the City Manager to execute a Program Supplemental Agreement for the design phase of the Bancroft Sybil Intersection Improvements
- On February 5, 2007, by Resolution No. 2007-005, the City Council approved the Administering Agency-State Master Agreement for Federal-Aid Projects

Environmental Review

This project is determined to be Categorical Exempt under 15303(c) of the California Environmental Quality Act (CEQA). The Notice of Exemption was filed with the Alameda County Recorder on May 29, 2015.

This project falls under a Categorical Exclusion per Section 23 CFR 771.117(d) of the National Environmental Policy Act (NEPA).

Summary of Public Outreach Efforts

- The Notice to Bidders was published in the Daily Review, the South County Post, Visión Hispana and the World Journal.
- Staff also notified twenty-one builders' exchanges and construction data firms as well as a list of contractors that asked to be notified of bidding opportunities via email.
- The project is described on the Engineering and Transportation Department website

- City staff discussed the project from concept through design at the Bicycle and Pedestrian Advisory Committee (BPAC) meetings on June 14, 2011; November 14, 2012; November 13, 2013; April 29, 2014; November 17, 2015; April 27, 2016; and November 9, 2016.

Fiscal Impacts

The total project cost including design, construction, contingencies and construction management is estimated at \$580,000

The subject contract is \$404,267. The maximum amount authorized by this action, including change orders is \$464,907. Change orders that increase the project amount beyond the budget authority will not be issued without City Council approval of an additional appropriation.

Budget Authority

The following accounts will be used on this project:

<u>Account No.</u>	<u>Source</u>	<u>Appropriation Year</u>	<u>Appropriation Amount</u>
120-38-348	DFSI Fund	FY 12-13	\$ 68,960
144-36-348	Measure B/ACTIA Fund	FY 12-13	\$ 17,500
150-38-348	Special Grants Fund - Bancroft-Sybil	FY 12-13	<u>\$448,800</u>
	Subtotal		\$535,260

The above funds, appropriated in FY 12-13, are due to expire at the end of their five year limitation, June 30, 2017. A following separate Council Action will be executed in the fall of 2017, to re-appropriate these funds.

Appropriation requested in this action:

<u>120-38-348 (DFSI Fund)</u>	<u>\$ 60,000</u>
Total Project Appropriation	\$595,260

ATTACHMENTS

- Bid Summary - Bancroft - Sybil Intersection Improvements

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: Bancroft/Sybil Signal Improvements

PROJECT NO.: 2014.0440

BID NO.: 16-17.013

FEDERAL PROJECT NO.: HSILP-5041 (042)

BID OPENING			ENGINEER'S ESTIMATE		W Bradley Electric, Inc.		St. Francis Electric, LLC.		Columbia Electric, Inc.	
DATE: Thursday, June 22, 2017			Date Approved: 5/25/2017		90 Hill Road		975 Carden Street		1980 Davis Street	
TIME: 3:00 p.m.			Prepared by: J. O'Driscoll		Novato, CA 94945		San Leandro, CA 94577		San Leandro, CA 94577	
LOCATION: City Clerk's Office					Phone: (707) 864-3950		Phone: (510) 639-0639		Phone: (510) 430-9505	
					Fax: (707) 863-3819		Fax: (510) 639-9116		Fax: (510) 430-1860	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
1	Mobilization	1 LS	\$30,000.00	\$30,000.00	\$8,000.00	\$8,000.00	\$20,000.00	\$20,000.00	\$24,832.00	\$24,832.00
2	Traffic Control per sections 600 & 601	1 LS	\$18,000.00	\$18,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$18,459.00	\$18,459.00
3	Install Curb and Gutter per section 303-5	109 LF	\$80.00	\$8,720.00	\$70.00	\$7,630.00	\$74.80	\$8,153.20	\$74.80	\$8,153.20
4	Install Wheelchair Curb Cut Ramp per section 303-5	490 SF	\$30.00	\$14,700.00	\$20.00	\$9,800.00	\$20.57	\$10,079.30	\$20.57	\$10,079.30
5	Install Sidewalk per section 303-5	304 SF	\$25.00	\$7,600.00	\$20.00	\$6,080.00	\$20.57	\$6,253.28	\$20.57	\$6,253.28
6	Install 6" Wide Retaining Curb per section 303-5	92 LF	\$15.00	\$1,380.00	\$45.00	\$4,140.00	\$46.20	\$4,250.40	\$46.20	\$4,250.40
7	Install Truncated Dome Panels per section 303-5	4 EA	\$800.00	\$3,200.00	\$650.00	\$2,600.00	\$704.00	\$2,816.00	\$704.00	\$2,816.00
8	Adjust Gas Valve Cover to Grade per section 301-1	1 EA	\$1,500.00	\$1,500.00	\$550.00	\$550.00	\$220.00	\$220.00	\$220.00	\$220.00
9	Remove and Install A/C at new grade per section 302-5	23 TN	\$300.00	\$6,900.00	\$600.00	\$13,800.00	\$547.80	\$12,599.40	\$547.80	\$12,599.40
10	Install new Traffic Signal System per Part 7 - sections 86.01 – 86.08	1 LS	\$200,000.00	\$200,000.00	\$306,667.00	\$306,667.00	\$322,000.00	\$322,000.00	\$392,940.00	\$392,940.00
11	Install new electrical meter pedestal per Part 7 - sections 86.01 – 86.08	1 LS	\$45,000.00	\$45,000.00	\$6,700.00	\$6,700.00	\$5,000.00	\$5,000.00	\$5,900.00	\$5,900.00
12	Replace Fiber Optic Cable & Connection to Traffic Signal per Part 7 - section 86.09	1 LS	\$8,000.00	\$8,000.00	\$6,200.00	\$6,200.00	\$8,250.00	\$8,250.00	\$8,674.60	\$8,674.60

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TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Novato, CA 94945		San Leandro, CA 94577		San Leandro, CA 94577		
LOCATION: City Clerk's Office				Phone: (707) 864-3950		Phone: (510) 639-0639		Phone: (510) 430-9505		
				Fax: (707) 863-3819		Fax: (510) 639-9116		Fax: (510) 430-1860		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
13	Install Striping and Pavement Markings per section 314	1 LS	\$6,000.00	\$6,000.00	\$12,500.00	\$12,500.00	\$13,376.00	\$13,376.00	\$4,328.50	\$4,328.50
14	Install Temporary Pedestrian Push Buttons per section 600-3	8 EA	\$1,200.00	\$9,600.00	\$1,200.00	\$9,600.00	\$350.00	\$2,800.00	\$500.00	\$4,000.00
TOTAL BASE BID:			\$360,600.00		\$404,267.00		\$435,797.58		\$503,505.68	
SUBCONTRACTORS:					Tight Access Excavation Bayside Stripe & Seal All City Trucking, Inc. Sposeto Engineering, Inc.		Bay Side Stripe & Seal Sposeto Engineering Cal Coast Telecom		Contra Costa Electric Chrisp Company Sposeto Engineering Compass Engineering Vanguard Construction	
SECURITIES:					10% Bid Bond		10% Bid Bond		10% Bid Bond	
NOTES:					** Addendum #1 Received		** Addendum #1 Received		** Addendum #1 Received	

Reviewed by: *J. O'Driscoll* Date: 6/22/17
 John O'Driscoll, Project Manager

Reviewed by: *A. Osakwe* Date: 6/22/17
 Augustine Osakwe, Senior Engineer

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PROJECT NO.: 2014.0440

BID NO.: 16-17.013

FEDERAL PROJECT NO.: HSILP-5041 (042)

BID OPENING			ENGINEER'S ESTIMATE		Ray's Electric		Bay Construction Co.		Tennyson Electric Inc.	
DATE: Thursday, June 22, 2017			Date Approved: 5/25/2017		411 Pendleton Way, Suite B		4026 Martin Luther King Jr. Way		7275 National Drive, Suite A-2	
TIME: 3:00 p.m.			Prepared by: J. O'Driscoll		Oakland, CA 94621		Oakland, CA 94609		Livermore, CA 94550	
LOCATION: City Clerk's Office					Phone: (510) 577-7700		Phone: (510) 658-7225		Phone: (925) 606-1038	
					Fax: (510) 577-7706		Fax: (510) 658-4890		Fax: (925) 606-7655	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
1	Mobilization	1 LS	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$37,700.00	\$37,700.00	\$92,000.00	\$92,000.00
2	Traffic Control per sections 600 & 601	1 LS	\$18,000.00	\$18,000.00	\$88,000.00	\$88,000.00	\$37,500.00	\$37,500.00	\$86,000.00	\$86,000.00
3	Install Curb and Gutter per section 303-5	109 LF	\$80.00	\$8,720.00	\$80.00	\$8,720.00	\$375.00	\$40,875.00	\$60.00	\$6,540.00
4	Install Wheelchair Curb Cut Ramp per section 303-5	490 SF	\$30.00	\$14,700.00	\$30.00	\$14,700.00	\$37.50	\$18,375.00	\$30.00	\$14,700.00
5	Install Sidewalk per section 303-5	304 SF	\$25.00	\$7,600.00	\$32.00	\$9,728.00	\$37.50	\$11,400.00	\$25.00	\$7,600.00
6	Install 6" Wide Retaining Curb per section 303-5	92 LF	\$15.00	\$1,380.00	\$65.00	\$5,980.00	\$200.00	\$18,400.00	\$65.00	\$5,980.00
7	Install Truncated Dome Panels per section 303-5	4 EA	\$800.00	\$3,200.00	\$650.00	\$2,600.00	\$1,250.00	\$5,000.00	\$1,500.00	\$6,000.00
8	Adjust Gas Valve Cover to Grade per section 301-1	1 EA	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00
9	Remove and Install A/C at new grade per section 302-5	23 TN	\$300.00	\$6,900.00	\$600.00	\$13,800.00	\$750.00	\$17,250.00	\$400.00	\$9,200.00
10	Install new Traffic Signal System per Part 7 - sections 86.01 – 86.08	1 LS	\$200,000.00	\$200,000.00	\$280,000.00	\$280,000.00	\$312,500.00	\$312,500.00	\$398,700.00	\$398,700.00
11	Install new electrical meter pedestal per Part 7 - sections 86.01 – 86.08	1 LS	\$45,000.00	\$45,000.00	\$7,500.00	\$7,500.00	\$37,500.00	\$37,500.00	\$12,500.00	\$12,500.00
12	Replace Fiber Optic Cable & Connection to Traffic Signal per Part 7 - section 86.09	1 LS	\$8,000.00	\$8,000.00	\$16,000.00	\$16,000.00	\$75,000.00	\$75,000.00	\$32,900.00	\$32,900.00

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PROJECT TITLE: Bancroft/Sybil Signal Improvements

PROJECT NO.: 2014.0440

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TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Oakland, CA 94621		Oakland, CA 94609		Livermore, CA 94550		
LOCATION: City Clerk's Office				Phone: (510) 577-7700		Phone: (510) 658-7225		Phone: (925) 606-1038		
				Fax: (510) 577-7706		Fax: (510) 658-4890		Fax: (925) 606-7655		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
13	Install Striping and Pavement Markings per section 314	1 LS	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
14	Install Temporary Pedestrian Push Buttons per section 600-3	8 EA	\$1,200.00	\$9,600.00	\$200.00	\$1,600.00	\$5,000.00	\$40,000.00	\$50.00	\$400.00
TOTAL BASE BID:				\$360,600.00	\$504,378.00		\$658,000.00		\$679,520.00	
SUBCONTRACTORS:					All City Trucking, Inc. Construction Survey, Inc. Chrisp Company Bayside Stripe & Seal		Striping Graphics Phoenix Electric All City Trucking		Chrisp Company R & R Mahor Construction	
SECURITIES:					10% Bid Bond		10% Bid Bond		10% Bid Bond	
NOTES:					** Addendum #1 Received		** Addendum #1 Received		** Addendum #1 Received	

Reviewed by: John O'Driscoll Date: 6/22/17
 John O'Driscoll, Project Manager

Reviewed by: Austine Osakwe Date: 6/22/17
 Austine Osakwe, Senior Engineer



City of San Leandro

Meeting Date: July 17, 2017

Resolution - Council

File Number: 17-376 **Agenda Section:** CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Chris Zapata
City Manager

BY: Keith Cooke
Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: RESOLUTION to Award a Construction Contract to W. Bradley Electric, Inc. for the Bancroft-Sybil Intersection Improvements Project, Project No. 2014.0440, in the Amount of \$404,267; Authorization for the City Manager to Negotiate and Approve Individual Change Orders up to 5% of the Original Contract Amount (\$20,213); Authorization for the City Manager to Negotiate and Approve Cumulative Change Orders up to 15% of the Original Contract Amount (\$60,640); and to Appropriate \$60,000 from the Development Fee for Street Improvements (DFSI) Fund Balance

WHEREAS, the City of San Leandro, on June 22, 2017, did 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 finds that the proposal hereinafter mentioned is the lowest responsive bid by a responsible bidder for doing said work; and

WHEREAS, the subject project is categorically exempt from the California Environmental Quality Act; and categorical excluded from the National Environmental Policy Act; and

WHEREAS, change orders to clarify the work or respond to unusual existing conditions are a normal aspect of public contracting and construction; and

WHEREAS, in order to expedite the delivery of public projects on schedule and on budget, provide that subcontractors and workers are paid in a timely fashion, avoid as much as possible costly delay claims, and insure that the City completes projects that are to the City's highest standards, the City Council finds that providing authorization to the City Manager to negotiate and approve change orders is in the best interest of public health, safety and welfare; and

WHEREAS, the City was awarded a Highway Safety Improvement Program Grant for this work and has guaranteed its completion for the funds.

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

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, W. Bradley Electric, Inc. in the amount of \$404,267; and

That the City Manager or his designee is authorized to negotiate and approve individual change orders up to a maximum of 5% of the original contract amount, or \$20,213 each; and.

That the City Manager or his designee is authorized to negotiate and approve cumulative change orders up to a maximum of 15% of the original contract amount, or \$60,640; and

That \$60,000 is hereby appropriated from the Development Fee for Street Improvements (DFSI) Fund balance to account 120-38-348 to complete 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.