



City of San Leandro

Meeting Date: July 16, 2018

Staff Report

File Number: 18-304

Agenda Section: CONSENT CALENDAR

Agenda Number: 8.I.

TO: City Council

FROM: Jeff Kay
Acting 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 Sposeto Engineering, Inc., for \$655,763 for the Pedestrian Crossings Improvements 2016-2017 Phase 1, Project No. 2017.5600; Authorization for the City Manager to Negotiate and Approve Individual Change Orders Up to 5% of the Original Contract Amount; and Authorization for the City Manager to Negotiate and Approve Cumulative Change Orders up to 15% of the Original Contract Amount, and City Council Approval to Appropriate \$500,000 from Measure BB Fund Balance

SUMMARY AND RECOMMENDATIONS

This contract provides for the furnishing and installation of Rectangular Rapid Flashing Beacon (RRFB) systems and enhanced pedestrian crossings at four locations Citywide.

Staff recommends the following actions:

- Award of a construction contract to Sposeto Engineering, Inc., in the amount of \$655,763;
- Authorize the City Manager to negotiate and approve individual change orders up to 5%, or \$32,788, of the original contract amount;
- Authorize the City Manager to negotiate and approve change orders up to a cumulative value not to exceed 15%, or \$98,364, of the original contract amount; and
- Appropriation of \$150,000 from Measure BB Bicycle and Pedestrian Fund balance.
- Appropriation of \$350,000 from Measure BB Local Streets and Roads Fund Balance.

BACKGROUND

Staff routinely receives requests from citizens for improvements to crosswalks throughout the City. Based on those requests, staff conducts traffic and pedestrian counts and checks the incident reports to generate a priority for installation of painted and enhanced crosswalks. To expedite the construction of this project, staff split construction of the project into two phases. In Phase 1,

pedestrian crossing improvements including Rectangular Rapid Flashing Beacons (RRFBs) will be installed at selected intersections. Phase 2 will install a High Intensity Activated Pedestrian Crosswalk (HAWK) at the intersection of Burkhart Avenue and Wicks Boulevard. The original budget for this project as shown in the Capital Improvement Program section of the City Budget is \$380,000. The updated project estimate is now \$880k for phase 1 and \$340,000 for phase 2. This request includes an additional appropriation of \$500,000 of Measure BB funds to fully fund phase 1.

Phase 1 of this Project will construct enhanced pedestrian crossings at four locations citywide. Those locations are at the intersection of Dowling Boulevard and Bancroft Avenue, the intersection of Doolittle Drive and Bermuda Avenue, the intersection of Estudillo Avenue and Collier Drive, and on Teagarden Street at Lincoln High School. The project will construct bulb-outs at the crosswalks to shorten the crossing distance for pedestrians, will install solar powered RRFBs that are pedestrian activated as well as advanced warning signage and striping on the pavement for vehicles approaching each intersection. These improvements will increase pedestrian safety and visibility, and provide traffic calming through reduced vehicular speed at each intersection. Plans and Specifications setting forth in detail the work to be done as Phase 1 can be viewed on the City's website at the following location:

<https://www.sanleandro.org/civicax/filebank/blobdload.aspx?BlobID=28626>

Analysis

A total of two bids were received on June 20, 2018. Bids received were \$655,763 and \$914,878. Sposeto Engineering, Inc. submitted the lowest bid of \$655,763. The pre-bid engineer's estimate for construction is \$466,035. Sposeto Engineering, Inc. was determined to be the lowest responsive bidder.

One of the bidders has an office in San Leandro and so was qualified as a local business per the Local Inclusion Policy Ordinance; however, that bid was not the lowest responsive bid amount even with the local incentive applied. While the lowest responsive bidder did not meet the Local Business Participation Goal by subcontracting with San Leandro businesses for 25% of the contract value, they did have one San Leandro subcontractor with a contract representing approximately 17% of the bid value. The lowest bidder provided documentation that demonstrated completion of the required good faith efforts to meet the local business participation goal.

This project is not subject to the provisions of the Community Workforce Agreement (CWA) as the contract value is below \$1,000,000.

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. As a result, unforeseen conditions may be encountered during construction and plan details may need to be adjusted or clarified. In order to minimize delay to 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% of the original contract amount (\$32,788) and change orders up to a cumulative value of 15% of the original contract amount (\$98,364).

Construction prices in general have escalated quicker than inflation and the prices for concrete work have increased more than other construction prices, which has led to both estimated and bid prices that are beyond the original project budget. Additionally, the scope of work at the intersection of Dowling and Bancroft has increased to improve not only the crossing of Bancroft but also the crossing of Dowling. Finally, the scope of work at the intersection of Wicks and Burkart has changed from an RRFB to a HAWK signal based on an evaluation of vehicle speeds and volumes performed during the design process. All of the above items have contributed to project costs that exceed the current original budget and additional funding is required to build this project as currently envisioned. The funds requested by this action are only those necessary to complete Phase 1, additional funding will be requested when Phase 2 work is awarded later this year.

Additional Measure BB Bicycle and Pedestrian money and Local Streets and Roads money is requested for appropriation for this project. In order to meet the Alameda County Transportation Commission (ACTC) timely use of funds policy for Measure B Funds the City must allocate this money to projects before it is received from ACTC, which will result in a temporary negative fund balance. The City receives approximately \$200,000 per year in Measure BB Bicycle and Pedestrian funds and approximately \$1,300,000 per year in Measure BB Local Streets and Roads funds.

Current Agency Policies

Maintain and enhance the City's infrastructure

Previous Actions

- None

Applicable General Plan Policies

- Goal T-2: Design and operate streets to be safe, attractive, and accessible for all transportation users whether they are pedestrians, bicyclist, transit riders or motorists, regardless of age or ability
 - Policy T-2.1: Complete Streets Serving All Users and Modes
- Goal T-3: Promote and accommodate alternative, environmentally-friendly methods of transportation, such as walking and bicycling.
 - Policy T-3.6: Pedestrian Environment. Improve the walkability of all streets in San Leandro through the planning, implementing and maintaining of pedestrian supportive infrastructure.

Environmental Review

This project is categorically exempt per California Environmental Quality Act (CEQA) Section 15301(c) of the CEQA guidelines. The Notice of Exemption was filed with the Alameda County Recorder's Office on June 1, 2018.

Summary of Public Outreach Efforts

This project was advertised in the East Bay Express on May 25, 2018 as well as in three other newspapers with circulations that reflect the diversity of San Leandro. Staff also notified contractors interested in working with the City via email, and sent plans to plan rooms.

Prior to construction, staff will notify residents and businesses that will be directly impacted.

Fiscal Impacts

The total Phase 1 and Phase 2 project cost is estimated at \$1,220,000 as follows:

Phase 1

Design and Bid:	\$85,928
Construction Contract	\$655,763
Construction Management & Inspection:	\$40,575
<u>Construction Contingency:</u>	<u>\$98,364</u>

Phase 1 Total: \$880,000

Phase 2

Design and Bid:	\$35,000
Construction Contract	\$250,000
Construction Management & Inspection:	\$20,000
<u>Construction Contingency:</u>	<u>\$35,000</u>

Phase 2 Total: \$340,000

Phase 1 & 2 Project Total: \$1,220,000

Budget Authority

The project is funded as follows:

<u>Account No.</u>	<u>Source</u>	<u>Fiscal Yr.</u>	<u>Amount</u>
120-36-355-5240	Developer Fees for	FY16-17	\$260,000
	Street Improvement		
141-36-355-5240	Measure BB	FY16-17	\$120,000
Total Current Project Appropriation			\$380,000

Additional Phase 1 appropriation requested by this action:

<u>Account No.</u>	<u>Source</u>	<u>Amount</u>
To Be Determined	Measure BB Bicycle and Pedestrian	\$150,000
To Be Determined	Measure BB Local Streets and Roads	\$350,000

Total Current and Requested Project Appropriation for Phase 1 \$880,000

ATTACHMENT

- Bid Summary

PREPARED BY: Nicole Noronha Castelino, Associate Engineer, Engineering and Transportation Dept.

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: Pedestrian Crossings Improvements 2016-17

Phase 1

PROJECT NO.: 2017.5600

BID NO.: 17-18.038

BID OPENING			ENGINEER'S ESTIMATE		Sposeto Engineering		SilMan Venture Corp	
DATE:			Date Approved: 6/20/18		4558 Contractors Place		1600 Factor Avenue	
TIME:			Prepared by: NNC		Livermore, CA 94551		San Leandro, CA 94577	
LOCATION: City Clerk's Office					Phone: (925) 443-4200		Phone: (510) 347-4800	
					Fax: (925) 443-6800		Fax: (510) 347-4801	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
1	Water Pollution Control	1 LS	\$35,000.00	\$35,000.00	\$6,500.00	\$6,500.00	\$1,734.52	\$1,734.52
2	Mobilization	1 LS	\$40,000.00	\$40,000.00	\$20,100.00	\$20,100.00	\$25,976.93	\$25,976.93
3	Traffic Control	1 LS	\$20,000.00	\$20,000.00	\$49,000.00	\$49,000.00	\$125,252.00	\$125,252.00
4	Cold Milling	138 CY	\$60.00	\$8,280.00	\$298.00	\$41,124.00	\$274.44	\$37,872.72
5	AC Paving	220 TON	\$130.00	\$28,600.00	\$380.00	\$83,600.00	\$429.68	\$94,529.60
6	Concrete Curb and Gutter per Drawing 100 Case 3101	535 LF	\$80.00	\$42,800.00	\$85.00	\$45,475.00	\$99.96	\$53,478.60
7	NOT USED			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
8	Concrete Sidewalk per Drawing 100 Case 3101	3340 SF	\$20.00	\$66,800.00	\$18.00	\$60,120.00	\$17.04	\$56,913.60
9	Concrete Curb Ramp per Drawing 106A and 106B Case 3101	1415 SF	\$25.00	\$35,375.00	\$36.00	\$50,940.00	\$49.24	\$69,674.60
10	Concrete Valley Gutter per Drawing 114 Case 3101	460 SF	\$20.00	\$9,200.00	\$34.00	\$15,640.00	\$90.95	\$41,837.00
11	12" PVC pipe	40 LF	\$180.00	\$7,200.00	\$473.00	\$18,920.00	\$1,036.03	\$41,441.20
12	10" PVC Pipe	78 LF	\$160.00	\$12,480.00	\$198.00	\$15,444.00	\$717.24	\$55,944.72
13	Drainage Inlet per Drawing 204 Case 3101	3 EA	\$5,000.00	\$15,000.00	\$5,400.00	\$16,200.00	\$18,148.86	\$54,446.58
14	Storm Drain Manhole per Drawing 214 Case 3101	2 EA	\$6,000.00	\$12,000.00	\$10,000.00	\$20,000.00	\$22,345.55	\$44,691.10
15	Signage and Striping	1 LS	\$20,000.00	\$20,000.00	\$36,650.00	\$36,650.00	\$75,885.32	\$75,885.32
16	Crosswalk Warning System	9 EA	\$10,000.00	\$90,000.00	\$16,000.00	\$144,000.00	\$7,483.62	\$67,352.58
17	Detectable Warning Surface Mounted per City Standard Detail Drawing 106D Case 3101 Note 14	1 EA	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$11,085.20	\$11,085.20



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PROJECT TITLE: Pedestrian Crossings Improvements 2016-17

Phase 1

PROJECT NO.: 2017.5600

BID NO.: 17-18.038

BID OPENING DATE: TIME: LOCATION: City Clerk's Office			ENGINEER'S ESTIMATE Date Approved: 6/20/18 Prepared by: NNC		Sposeto Engineering 4558 Contractors Place Livermore, CA 94551 Phone: (925) 443-4200 Fax: (925) 443-6800		SilMan Venture Corp 1600 Factor Avenue San Leandro, CA 94577 Phone: (510) 347-4800 Fax: (510) 347-4801	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
18	Rubber Curb	1 LS	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$8,851.55	\$8,851.55
19	Pedestrian Barricade per Caltrans ES-7Q Type 1	2 EA	\$2,000.00	\$4,000.00	\$1,100.00	\$2,200.00	\$2,345.82	\$4,691.64
20	Furnish and Install Wood Header	1 LS	\$2,000.00	\$2,000.00	\$1,150.00	\$1,150.00	\$4,022.71	\$4,022.71
21	Surveying per Section 2-9.5	1 LS	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00	\$15,590.16	\$15,590.16
22	Adjustment of Manhole Frame and Cover to grade	1 LS	\$5,000.00	\$5,000.00	\$1,200.00	\$1,200.00	\$17,281.44	\$17,281.44
23	Shoring and Bracing	1 LS	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$6,325.00	\$6,325.00
TOTAL BASE BID:				\$474,735.00	\$655,763.00		\$914,878.77	
REQUIRED DOCUMENTATION:			Bid Bond		YES		YES	
			San Leandro Local Business		NO		YES	
			25% Participation		17%		YES	
			Good Faith Effort		SUBMITTED		NO	
			Agreement to be Bound		N/A		N/A	
SUBCONTRACTORS:					Benchmark Engineering , Inc Chrisp Company Columbia Electric		Benchmark Engineering R&M Paving Linear Tech	
SECURITIES:					10% Bid Bond		10% Bid Bond	
NOTES:								

Reviewed by: Nicole Castelino Date: 6/20/18
Nicole Castelino, Project Manager

Reviewed by: Austine Osakwe Date: 6/20/18
Austine Osakwe, Senior Engineer



City of San Leandro

Meeting Date: July 16, 2018

Resolution - Council

File Number: 18-307

Agenda Section: CONSENT CALENDAR

Agenda Number:

TO: City Council

FROM: Jeff Kay
Acting City Manager

BY: Keith Cooke
Engineering & Transportation Director

FINANCE REVIEW: David Baum
Finance Director

TITLE: RESOLUTION to Award a Construction Contract to Sposeto Engineering, Inc., for \$655,763 for the Pedestrian Crossings Improvements 2016-2017 Phase 1, Project No. 2017.5600; Authorization for the City Manager to Negotiate and Approve Individual Change Orders Up to 5% of the Original Contract Amount; and Authorization for the City Manager to Negotiate and Approve Cumulative Change Orders up to 15% of the Original Contract Amount, and City Council Approval to Appropriate \$500,000 From Measure BB Fund Balance

WHEREAS, the City of San Leandro did, on June 20, 2018 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.

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 Sposeto Engineering, Inc., in the amount of \$655,763; and

That the City Manager or his designee is authorized to negotiate and approve individual change orders up to 5% (or \$32,788) of the original contract amount; and

That the City Manager or his designee is authorized to negotiate and approve cumulative change orders up to 15% (or \$98,364) of the original contract amount; and

That \$150,000 of funds are appropriated for the project from the Measure BB Bicycle and Pedestrian Fund balance; and

That \$350,000 of funds are appropriated for the project from the Measure BB Local Streets and Roads Fund balance; and

That \$380,000 has been previously appropriated for this 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 responsive bid by a 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.