

# City of San Leandro

Meeting Date: June 15, 2015

**Staff Report** 

File Number: 15-279 Agenda Section: CONSENT CALENDAR

Agenda Number: 8.G.

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 Ray's

Electric for the Accessible Pedestrian Signals (APS) Upgrade 2012, Project

2012.0220

#### **SUMMARY AND RECOMMENDATIONS**

This contract provides for the installation of Accessible Pedestrian Signals (APS) and handicapped ramps at fifteen signalized intersections, a Rectangular Rapid Flash Beacon (RRFB) on Wicks Boulevard, and speed feedback signs on Lake Chabot Road.

Staff recommends award of a construction contract to the low Bidder, Ray's Electric, in the amount of \$371,000.00 for the subject work of the Base Bid.

#### **BACKGROUND**

Funded by the Federal Transportation Administration (FTA), the New Freedom grant provides additional tools to assist Americans with disabilities as they overcome barriers to full participation in their communities. Lack of adequate transportation is a primary barrier for individuals with disabilities as they seek full integration into the work force.

The City of San Leandro was awarded \$130,987 of New Freedom Grant funds through the FTA in May 2012 to install APS devices at thirteen signalized intersections. In response to citizen requests, staff expanded the project to cover fifteen signalized intersections. Accessible pedestrian signals are devices that communicate information about the WALK and DON'T WALK intervals at signalized intersections in non-visual formats (i.e., audible tones and vibrotactile surfaces) to pedestrians who are blind or who have low vision. Accessible curb ramps meeting the current standards will be installed at all intersections receiving the APS equipment.

Two traffic safety enhancement projects will also be constructed under this contract. A Rectangular Rapid Flash Beacon (RRFB) unit will be installed on either side of the crosswalk

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at Wicks Boulevard at the Marina Community Center. These units are activated with a manual push button that energizes the beacons. Additionally, speed feedback signs will be installed on Lake Chabot Road, which will display vehicle speeds with large bright LED numbers as the vehicles approach to alert motorists of their speed.

#### **Analysis**

A total of four bids were received on May 12, 2015 ranging from \$371,000.00 to \$683,381.00. Ray's Electric submitted the lowest responsive Base Bid at \$371,000.00. The pre-bid engineer's estimate for construction was \$285,607.00.

### **Previous Actions**

On October 21, 2013, the City Council adopted a resolution that established a San Leandro Title VI program, which was a requirement to receive Cycle 4 New Freedom grant funds from the FTA.

#### **Committee Review and Actions**

The project was reviewed and supported by the City Council Facilities and Transportation Committee on October 10, 2012.

## **Applicable General Plan Policies**

This action is consistent with Transportation Goal No. 14 of the General Plan and Action Item 14.07: Pedestrian Environment.

#### **Permits and/or Variances Granted**

Two encroachment permits are pending, including one from Caltrans for the APS and accessible ramp improvements at seven signalized intersections on East 14th Street, and one from the County of Alameda Public Works Agency for the APS and accessible ramps improvements at two signalized intersections on East 14th Street at Fairmont Drive and at Bayfair Drive.

#### **Environmental Review**

This project was deemed categorically exempt from CEQA per Section 15301(c) - Existing Facilities. A Notice of Exemption was filed with the County Recorder on May 5, 2015.

#### **Board/Commission Review and Actions**

The project was reviewed and supported by the San Leandro Bicycle and Pedestrian Advisory Committee (BPAC) on February 22, 2012.

#### **Summary of Public Outreach Efforts**

This project was advertised in the Daily Review as well as in three other newspapers whose

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circulation reflects the diversity of San Leandro on April 17, 2015. Staff also notified contractors interested in working with the City via email and sent plans to fifteen bid houses.

#### **Fiscal Impacts**

The total project cost including design, construction, contingencies and construction management is estimated to be \$661,533.00.

#### **Budget Authority**

This project will be funded as follows:

- \$314,344.00 Measure B Bicycle and Pedestrian funds in account 144-36-344 appropriated as part of the Fiscal Year 2012-13 budget, including \$120,000 budget adjustment in Fiscal Year 2014-15.
- \$130,987.00 Access Pedestrian Signals project funds in account 150-38-344 appropriated as part of the Fiscal Year 2012-13 budget.
- \$66,202.00 Annual Sidewalk Program Bicycle and Pedestrian funds in account 150-36-006 appropriated as part of the Fiscal Year 2012-13 budget.
- \$50,000.00 Measure B Bicycle and Pedestrian funds for Marina Community Center Pedestrian Improvements project in account 144-36-300 appropriated as part of Fiscal Year 2012-13 budget.
- \$100,000.00 general funds in account 210-38-385 received from developers fair share contributions for signal improvements.

### **ATTACHMENT**

Bid Summary

**PREPARED BY:** Nicole Noronha Castelino, 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: APS Upgrade 2012

PROJECT NO.: 2012.0220 BID NO.: 14-15.019

BID C	PENING		ENGINEER'S	ESTIMATE	Ray's Electric		St. Francis Elect	ric, Inc.	Columbia Electri	c, Inc.	
	DATE: Tuesday, May 12, 2015		Date Approved:	5/6/2015	411 Pendleton Way, Suite B		975 Carden Stre	et	1980 Davis Street		
	TIME: 2:00 p.m. LOCATION: City Clerk's Office		Prepared by:	N. Castelino	Oakland, CA 94621 Phone: (510) 577-7700		San Leandro, C/	A 94577	San Leandro, CA 94577		
				RL Chen			Phone: (510) 63	39-0639	Phone: (510) 43		
				• 1		Fax: (510) 577-7706		Fax: (510) 639-9116		1860	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	ITEM COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
NO.	Install curb and gutter per drawing	750 LF	\$55.00	\$41,250.00	\$45.00	\$33,750.00	\$75.00	\$56,250.00	\$115.50	\$86,625.00	
	100 case 3101		. \$35.00	φ41,230.00							
2	Install sidewalk per drawing 100 case 3101	1200 SF	\$15.00	\$18,000.00	\$12.00	\$14,400.00	\$14.50	\$17,400.00	\$24.68	\$29,616.00 *	
3	Install wheelchair curb cut ramp per drawing 106A and B case 3101	5000 SF	\$15.00	\$75,000.00	\$12.00	\$60,000.00	\$20.35	\$101,750.00	\$31.50	\$157,500.00	
4	Install valley gutter per drawing 114 case 3101	500 SF	\$20.00	\$10,000.00	\$24.00	\$12,000.00	\$28.60	\$14,300.00	\$63.00	\$31,500.00	
5	Provide Traffic Control plan and implement traffic control per section 7-10.3.3 and 7-10.3.4	18 ST	\$800.00	\$14,400.00	\$1,800.00	\$32,400.00	\$2,500.00	\$45,000.00	\$3,000.00	\$54,000.00	
6	Furnish and Install Sleeve and Advanced Unistruct Sign Pole per Sheet 15	0 EA	\$150.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
7	Furnish and Install foundation of 1B Pole per Sheet 15	2 EA	\$2,480.00	\$4,960.00	\$1,200.00	\$2,400.00	\$3,450.00	\$6,900.00	\$1,500.00	\$3,000.00	
8	Install City Provided TAPCO RRFB System per Sheet 15	2 EA	\$1,000.00	\$2,000.00	\$6,500.00	\$13,000.00	\$1,250.00	\$2,500.00	\$2,500.00	\$5,000.00	
9	Install traffic sign and Pole per	2 EA	\$95.00	\$190.00	\$600.00	\$1,200.00	\$275.00	\$550.00	\$500.00	\$1,000.00	
10	Remove Existing Sign and Pole per Sheet 15	2 EA	\$100.00	\$200.00	\$250.00	\$500.00	\$275.00	\$550.00	\$500.00	\$1,000.00	
11	Furnish and Install Sign Pole, Speed Feedback Sign, and R2- 1(35) Sign per Sheet 18	1 EA	\$9,000.00	\$9,000.00	\$5,000.00	\$5,000.00	\$5,840.00	\$5,840.00	\$5,000.00	\$5,000.00	
12	Cast in Place domes	25 EA	\$800.00	\$20,000.00	\$500.00	\$12,500.00	\$1,320.00	\$33,000.00	\$1,050.00	\$26,250.00	



ENCINEED'S ESTIMATE Dovid Floatrio



DID ODENING



PROJECT TITLE: APS Upgrade 2012

PROJECT:NO.: 2012.0220 BID NO.: 14-15.019 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.

St Francis Flactric Inc

Columbia Flectric Inc.

BID O			ENGINEER'S ESTIMATE Ray's Electric			St. Francis Elec	•	Columbia Electric, Inc.			
	DATE: Tuesday, May 12, 2015		Date Approved:	5/6/2015	411 Pendleton Way, Suite B		975 Carden Stre		1980 Davis Street		
	TIME: 2:00 p.m.  LOCATION: City Clerk's Office			N. Castelino	Oakland, CA 94621 Phone: (510) 577-7700		San Leandro, C		San Leandro, CA 94577		
				RL Chen			Phone: (510) 639-0639		Phone: (510) 430-9505		
	Y				Fax: (510) 577-7706		Fax: (510) 639-9116		Fax: (510) 430-1860		
ITEM											
NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	ITEM COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
13	Install Vertical Curb per drawing 100 case 3101	300 LF	\$30.00	\$9,000.00	\$30.00	\$9,000.00	\$41.80	\$12,540.00	\$94.50	\$28,350.00	
14	Furnish and Install 4-ft Pedestrian Push Button Pole	19 EA	\$553.00	\$10,507.00	\$1,000.00	\$19,000.00	\$1,550.00	\$29,450.00	\$1,000.00	\$19,000.00	
15	Furnish and Install 2" Conduit and 2#14 Conductor	190 LF	\$40.00	\$7,600.00	\$85.00	\$16,150.00	\$110.00	\$20,900.00	\$50.00	\$9,500.00	
	Install City Provided APS System and Push Buttons, including APS Control Unit, Pushbutton Station, and Hand-Held Configurator, at 15 Intersections	1 LS	\$22,500.00	\$22,500.00	\$62,840.00	\$62,840.00	\$22,700.00	\$22,700.00	\$60,000.00	\$60,000.00	
17	Stamped Colored Concrete	100 SF	\$20.00	\$2,000.00	\$20.00	\$2,000.00	\$36.30	\$3,630.00	\$63.00	\$6,300.00	
18	Striping including areas requiring removal	1 LS	\$10,000.00	\$10,000.00	\$26,000.00	\$26,000.00	\$21,200.00	\$21,200.00	\$30,397.50	\$30,397.50	
19	Remove PPB poles and buttons	6 EA	\$300.00	\$1,800.00	\$400.00	\$2,400.00	\$275.00	\$1,650.00	\$1,200.00	\$7,200.00	
20	Relocate Type 1B poles	4 EA	\$1,000.00	\$4,000.00	\$2,400.00	\$9,600.00	\$5,860.00	\$23,440.00	\$2,000.00	\$8,000.00	
21	Bolt on plates	30 EA	\$50.00	\$1,500.00	\$100.00	\$3,000.00	\$100.00	\$3,000.00	\$250.00	\$7,500.00	
22	Furnish and Install No. 5 Pull Box	1 EA	\$400.00	\$400.00	\$650.00	\$650.00	\$490.00	\$490.00	\$1,000.00	\$1,000.00	
23	Furnish and Install AC Pavement at Median Island Removal Area	35 TONS	\$200.00	\$7,000.00	\$250.00	\$8,750.00	\$362.00	\$12,670.00	\$787.50	\$27,562.50	
24	Furnish and Install Type 1 Barricade per Sheet 7	10 LF	\$100.00	\$1,000.00	\$220.00	\$2,200.00	\$160.00	\$1,600.00	\$150.00	\$1,500.00	
25	Relocate 4-ft Pedestrian Push Button Pole per Sheet 7	3 EA	\$700.00	\$2,100.00	\$2,400.00	\$7,200.00	\$1,925.00	\$5,775.00	\$1,500.00	\$4,500.00	
26	Relocate street light pole per Sheet 17	1 EA	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$4,925.00	\$4,925.00	\$2,500.00	\$2,500.00	
27	Furnish and Install Detector Loops	17 EA	\$600.00	\$10,200.00	\$680.00	\$11,560.00	\$370.00	\$6,290.00	\$400.00	\$6,800.00	

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PROJECT TITLE: APS Upgrade 2012 PROJECT NO.: 2012.0220

BID NO.: 14-15.019

BID C	PENING		ENGINEER'S	ESTIMATE	Ray's Electric		St. Francis Elec	tric, Inc.	Columbia Electi	ic, Inc.
	DATE: Tuesday, May 12, 2015		Date Approved: 5/6/2015		411 Pendleton Way, Suite B		975 Carden Street		1980 Davis Street	
	TIME: 2:00 p.m.		Prepared by:	N. Castelino	Oakland, CA 94	1621	San Leandro, C	A 94577	San Leandro, CA 94577	
	LOCATION: City Clerk's Office			RL Chen	Phone: (510) 5	77-7700	Phone: (510) 6	39-0639	Phone: (510) 430-9505	
·	•				Fax: (510) 577-		Fax: (510) 639-	9116	Fax: (510) 430-1860	
ITEM										
NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	ITEM COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
		TOTAL BASE BID:		\$285,607.00		\$371,000.00		\$454,300.00		\$620,601.00 **
		SUBCONTRACTORS:	TRACTORS:  CATCO Services Ecomomy Trucking Logistical Enterprises Striping Graphics Striping Graphics			J.J.R. Construction Chrisp Company Sposeto Engineering Golden Bay Construction Vanguard Construction				
		SECURITIES:			10% Bid Bond		10% Bid Bond		10% Bid Bond	
		NOTES:			** Addendum #	1 and 2	* * * * * * * * * * * * * * * * * * * *	1 and 2 Received	** Math Error C	

Reviewed by:

Reviewed by:

Nicole Castelino, Project Manager

Nick Thom, Acting City Engineer

# **BID SUMMARY**





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PROJECT TITLE: APS Upgrade 2012 PROJECT NO.: 2012.0220

BID NO.: 14-15.019

BID O	PENING		ENGINEER'S	ESTIMATE	Tennyson Electi	ic, Inc.	Mike Brown Electric Co.		
	DATE: Tuesday, May 12, 2015		Date Approved:	5/6/2015	7275 National D	rive, A-2	561-A Mercantil	e Drive	
1	TIME: 2:00 p.m.	Prepared by:	N. Castelino	Livermore, CA	94550	Cotati, CA 94931			
	LOCATION: City Clerk's Office			RL Chen	Phone: (925) 60	06-1038	Phone: (707) 792-8100		
			*		Fax: (925) 606-	7655	Fax: (707) 792-	8110	
ITEM						w			
NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
1	Install curb and gutter per drawing 100 case 3101	750 LF	\$55.00	\$41,250.00	\$140.00	\$105,000.00	\$51,750.00	\$38,812,500.00	
2	Install sidewalk per drawing 100 case 3101	1200 SF	\$15.00	\$18,000.00	\$14.00	\$16,800.00	\$15,900.00	\$19,080,000.00	
3	Install wheelchair curb cut ramp per drawing 106A and B case 3101	5000 SF	\$15.00	\$75,000.00	\$25.00	\$125,000.00	\$92,500.00	\$462,500,000.00	
4	Install valley gutter per drawing 114 case 3101	500 SF	\$20.00	\$10,000.00	\$21.50	\$10,750.00	\$13,000.00	\$6,500,000.00	
5	Provide Traffic Control plan and implement traffic control per section 7-10.3.3 and 7-10.3.4	18 ST	\$800.00	\$14,400.00	\$6,250.00	\$112,500.00	\$100,000.00	\$1,800,000.00	
6	Furnish and Install Sleeve and Advanced Unistruct Sign Pole per Sheet 15	0 EA	\$150.00	\$0.00	\$1,500.00	\$0.00	\$0.00	\$0.00	
7	Furnish and Install foundation of 1B Pole per Sheet 15	2 EA	\$2,480.00	\$4,960.00	\$1,500.00	\$3,000.00	\$1,800.00	\$3,600.00	
8	Install City Provided TAPCO RRFB System per Sheet 15	2 EA	\$1,000.00	\$2,000.00	\$2,450.00	\$4,900.00	\$6,200.00	\$12,400.00	
9	Install traffic sign and Pole per	2 EA	\$95.00	\$190.00	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00	
	Remove Existing Sign and Pole per Sheet 15	2 EA	\$100.00	\$200.00	\$250.00	\$500.00	\$100.00	\$200.00	
11	Furnish and Install Sign Pole, Speed Feedback Sign, and R2- 1(35) Sign per Sheet 18	1 EA	\$9,000.00	\$9,000.00	\$5,008.00	\$5,008.00	\$3,000.00	\$3,000.00	
12	Cast in Place domes	25 EA	\$800.00	\$20,000.00	\$1,640.00	\$41,000.00	\$30,000.00	\$750,000.00	







PROJECT TITLE: APS Upgrade 2012

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•	PROJECT NO.: :	2012.0220							
	BID NO.:	14-15.019							
BID C	PENING		ENGINEER'S	ESTIMATE	Tennyson Elect	ric, Inc.	Mike Brown Ele	ctric Co.	
	DATE: Tuesday, May 12, 2015		Date Approved:	5/6/2015	7275 National D	Prive, A-2	561-A Mercantil	e Drive	
	TIME: 2:00 p.m.		Prepared by:	N. Castelino	Livermore, CA	94550	Cotati, CA 949	31	
	LOCATION: City Clerk's Office			RL Chen	Phone: (925) 6	06-1038	Phone: (707) 792-8100		
					Fax: (925) 606-	8110			
ITEM									
NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
13	Install Vertical Curb per drawing 100 case 3101	300 LF	\$30.00	\$9,000.00	\$111.00	\$33,300.00	\$11,400.00	\$3,420,000.00	
14	Furnish and Install 4-ft Pedestrian Push Button Pole	19 EA	\$553.00	\$10,507.00	\$2,722.00	\$51,718.00	\$12,350.00	\$234,650.00	
15	Furnish and Install 2" Conduit and 2#14 Conductor	190 LF	\$40.00	\$7,600.00	\$40.00	\$7,600.00	\$17,100.00	\$3,249,000.00	
16	Install City Provided APS System and Push Buttons, including APS	1 LS	\$22,500.00	\$22,500.00	\$36,750.00	\$36,750.00	\$92,264.00	\$92,264.00	







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: APS Upgrade 2012 PROJECT NO.: 2012.0220

BID NO.: 14-15.019

DID O	PENING		ENGINEER'S	ESTIMATE	Tennyson Elect	ric Inc	Mike Brown Ele	etric Co	
ыр О			proved: 5/6/2015 7275 National Drive, A-2 561-A Mercantile			Ī			
DATE: Tuesday, May 12, 2015						· ·		1	
	TIME: 2:00 p.m.		Prepared by:		Livermore, CA		Cotati, CA 94931 Phone: (707) 792-8100		
	LOCATION: City Clerk's Office	,	1	RL Chen	Phone: (925) 6				
		•			Fax: (925) 606-	-7655	Fax: (707) 792	-8110	
ITEM									
NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	
		TOTAL BASE BID:		\$285,607.00		\$683,381.00		\$537,593,834.00 **	
				Sposeto Engineering, Inc.		Striping Graphics			
					Chrisp Company Golden Bay		Sposeto Engineering, Inc. Safeguard Stytem		
					Bayside		Bayside Stripii	ng	
					Statewide		Chrisp Compa	ny	
		· ·					Vanguard Con	struction	
		SECURITIES:			10% Bid Bond		10% Bid Bond		
							** Math Error (	Samueland and/or	
		NOTES:			** Addendum #	1 and 2 Received		Corrected and/or and 2 Received	

Reviewed by:

Date: 5/13/15

Nicole Castelino, Project Manager

r rojoot managor

Reviewed by:

Date: 5/13/15

Nick Thom, Acting City Engineer



# City of San Leandro

Meeting Date: June 15, 2015

**Resolution - Council** 

File Number: 15-280 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 Awarding Construction Contract to Ray's Electric for APS

Upgrade 2012, Project No. 2012.0220 (awards the contract to the lowest responsible bidder in the amount of \$371,000.00 from Measure B and New

Freedom Grant)

WHEREAS, the City of San Leandro did, on May 12, 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 Director of the Engineering and Transportation Department 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 Ray's Electric in the amount of \$371,000.00

## 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.