



City of San Leandro

Meeting Date: April 6, 2015

Staff Report

File Number: 15-135 **Agenda Section:** CONSENT CALENDAR

Agenda Number: 8.G.

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 to Award a Construction Contract to American Asphalt for the Annual Street Sealing 2014-15 Project, Project No. 2015.0070 and City Council Approval of Appropriating \$485,000.00 from the Measure B Local Streets and Roads Fund

SUMMARY AND RECOMMENDATIONS

This contract provides for the application of preventive maintenance treatments on various City streets in the 2015 Asphalt Maintenance Areas.

Staff recommends award of a construction contract to the low bidder, American Asphalt, in the amount of \$1,175,102.42 for the subject work of the Base Bid and Bid Alternate "A". Staff also recommends that City Council approve appropriation of Measure B Local Streets and Roads funding of \$485,000 for the Annual Street Sealing 2014-15 project.

BACKGROUND

Street sealing is an annual maintenance activity that can prolong the useful life of streets. The treatments associated with this project include slurry sealing, asphalt rubber chip sealing, and micro-surfacing. These treatments involve the application of one or more layers of aggregate materials, crumb rubber chips produced by recycling used tires, and asphalt emulsions. The particular process is individually selected for each street based on its street condition.

The City was awarded a grant from CalRecycle for the use of the crumb rubber chips in the rubberized chip seal process and will be reimbursed at a rate of \$1.00 per square yard of roadway where that process is applied on this project.

Project streets were selected with priority given to arterial streets and by assigning treatments to streets that are suitable for street sealing starting with those with the lowest pavement condition index within the annual pavement maintenance area.

The bid documents contain a Bid Alternate "A" for repair of asphalt base failure that is required before installing street sealing treatments. This work was separated from the base bid so that it could be removed from the contract in the event that City staff or another contractor was able to perform it. City Public Works staff did not have the capacity to perform this additional work and the cost to perform this work with previously contracted street rehabilitation work was prohibitively costly and therefore Bid Alternate "A" will be awarded as part of this contract.

Analysis

A total of five bids were received on March 5, 2015 ranging from \$1,175,102.42 to \$1,450,115.45. American Asphalt submitted the lowest responsive Base Bid plus Bid Alternate "A" at \$1,175,102.42. The pre-bid engineer's estimate for construction was \$1,181,545.20.

The Base Bid was \$808,182.42 and the Bid Alternate "A" was \$366,920.00.

The existing funding is \$870,000, therefore an appropriation of \$485,000 is requested from the Measure B Local Streets and Roads fund for this project. The appropriation is requested because the City has proposed an ambitious project to use increased Measure B revenue as soon as possible saving streets earlier in an effort to reduce future maintenance cost.

Applicable General Plan Policies

This action is consistent with Streets and Highways Goal No. 16 of the General Plan and Action Item 16.03: Regularly maintain City streets and traffic control devices to ensure that streets operate safely and efficiently.

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 March 13, 2015.

Summary of Public Outreach Efforts

This project was advertised in the Daily Review as well as in three other newspapers whose circulation reflects the diversity of San Leandro on February 3, 2015. Staff also notified contractors interested in working with the City via email and sent plans to fifteen bid houses.

Prior to construction, staff will notify residents regarding the streets included in the project and project schedule. The contractor will also provide notification in the form of door hangers immediately before the work.

Fiscal Impacts

The total project cost including design, construction, contingencies and construction management is estimated to be \$1,358,000.

Budget Authority

This project will be funded as follows:

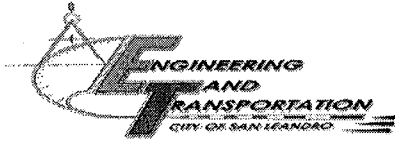
- 1) \$775,113 - Gas Tax Funds, Annual Street Sealing 2014-15, Account No. 142-38-354, allocated in FY 2014-15
- 2) \$32,025 - Measure B/ACTC Funds, Annual Street Sealing 2014-15, Account No. 144-36-299 allocated in FY 2014-15
- 3) \$66,255 Cal Recycle Grant, Account No. 150-38-354
- 4) \$485,000 Measure B Funds, Local Streets and Roads, Account No. 144-38, Council approved appropriation via the attached Resolution

ATTACHMENT

- Bid Summary - Annual Street Sealing 2014-15

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: Annual Street Sealing 2014-15
PROJECT NO.: 2015.007
BID NO.: 14-15.022

BID OPENING		ENGINEER'S ESTIMATE			American Asphalt		VSS International, Inc.	
DATE: Thursday, March 5, 2015 TIME: 3:00 p.m. LOCATION: City Clerk's Office		Date Approved: 2/4/2015 Prepared by: N. Castellino			24200 Clawiter Road Hayward, CA 94545 Phone: (510) 723-0280 Fax: (510) 723-0288		3785 Channel Drive West Sacramento, CA 95691 Phone: (916) 373-1500 Fax: (916) 373-0183	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
BASE BID								
1	Traffic Control & Construction Area Signs, Lane Closures, and Detours per Sections 215 & 315	1 LS	\$64,823.45	\$64,823.45	\$66,150.00	\$66,150.00	\$81,025.00	\$81,025.00
2	Construction Staging/Stockpile Location per Section 7-10.2.1.	1 LS	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$5,575.74	\$5,575.74
3	Emulsion Aggregate Slurry (Final Quantity) per Sections 203-5 & 302-4	132325 SY	\$2.00	\$264,650.00	\$1.82	\$240,831.50	\$2.37	\$313,610.25 **
4	Asphalt Rubber Chip Seal (Final Quantity) per Sections 203-12 & 302-10	66255 SY	\$4.25	\$281,583.75	\$4.40	\$291,522.00 **	\$5.10	\$337,900.50
5	Microsurfacing (Final Quantity) per Sections 203-16 & 302-14	24438 SY	\$3.00	\$73,314.00	\$2.34	\$57,184.92	\$2.52	\$61,583.76
6	Remove and Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 210, 214, 310 & 312	1 LS	\$116,000.00	\$116,000.00	\$121,600.00	\$121,600.00	\$127,680.00	\$127,680.00
7	10' Unistrut Sign Post	4 EA	\$160.00	\$640.00	\$200.00	\$800.00	\$210.00	\$840.00
8	Sign Post Anchor	4 EA	\$55.00	\$220.00	\$100.00	\$400.00	\$105.00	\$420.00
9	Furnish and Install M6-6 (RT) Sign	1 EA	\$130.00	\$130.00	\$100.00	\$100.00	\$105.00	\$105.00
10	Furnish and Install M6-4 Sign	1 EA	\$130.00	\$130.00	\$100.00	\$100.00	\$105.00	\$105.00
11	Furnish and Install R81(CA) Sign	6 EA	\$130.00	\$780.00	\$100.00	\$600.00	\$105.00	\$630.00
12	Furnish and Install D11-1 Sign	1 EA	\$130.00	\$130.00	\$100.00	\$100.00	\$105.00	\$105.00
13	Preformed Green Thermoplastic for Bike Lanes	612 SF	\$12.00	\$7,344.00	\$12.00	\$7,344.00	\$12.50	\$7,650.00
14	Preformed Green Thermoplastic Panels with Bike Rider Symbol	3 EA	\$500.00	\$1,500.00	\$1,500.00	\$4,500.00	\$1,575.00	\$4,725.00

BID SUMMARY

PROJECT TITLE: Annual Street Sealing 2014-15

PROJECT NO.: 2015.007

BID NO.: 14-15.022

BID OPENING DATE: Thursday, March 5, 2015 TIME: 3:00 p.m. LOCATION: City Clerk's Office			ENGINEER'S ESTIMATE Date Approved: 2/4/2015 Prepared by: N. Castelino		American Asphalt 24200 Clawiter Road Hayward, CA 94545 Phone: (510) 723-0280 Fax: (510) 723-0288		VSS International, Inc. 3785 Channel Drive West Sacramento, CA 95691 Phone: (916) 373-1500 Fax: (916) 373-0183	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
15	Preformed Green Thermoplastic Panels with Bike Lane Arrow	3 EA	\$500.00	\$1,500.00	\$650.00	\$1,950.00	\$682.00	\$2,046.00
TOTAL BASE BID:				\$822,745.20			\$808,182.42	\$944,001.25
BID ALTERNATE A								
A1	Failed Existing AC Pavement Repairs (Dig Outs)	1560 TONS	\$200.00	\$312,000.00	\$232.00	\$361,920.00	\$167.75	\$261,690.00
A2	Traffic Control & Construction Area Signs, Lane Closures, and Detours per Sections 215 & 315	1 LS	\$46,800.00	\$46,800.00	\$5,000.00	\$5,000.00	\$5,310.00	\$5,310.00
TOTAL BID ALTERNATE A:				\$358,800.00			\$366,920.00	\$267,000.00
TOTAL BASE BID:				\$822,745.20			\$808,182.42	\$944,001.25
TOTAL BASE BID + ALTERNATE BID ITEM A:				\$1,181,545.20			\$1,175,102.42	\$1,211,001.25
SUBCONTRACTORS:					Chrisp Company American Pavement Systems		Chrisp Company Central Valley Engineering & Asphalt, Inc.	
SECURITIES:					10% Bid Bond		10% Bid Bond	
NOTES:					** Math Error Corrected and Addendum #1 Received		** Math Error Correcte and Addendum #1 Received	

Reviewed by: _____ Date: _____
Nicole Castelino, Project Manager

Reviewed by: NT Date: 3/6/15
Nick Thom, Senior Engineer

BID SUMMARY



PROJECT TITLE: Annual Street Sealing 2014-15
 PROJECT NO.: 2015.007
 BID NO.: 14-15.022

BID OPENING		ENGINEER'S ESTIMATE			Sierra nevada Construction, Inc.		Intermountain Slurry Seal, Inc.	
DATE: Thursday, March 5, 2015		Date Approved: 2/4/2015			P.O. Box 50760		1005 Terminal Way, Suite 220	
TIME: 3:00 p.m.		Prepared by: N. Castellino			Sparks, NV 89435		Reno, NV 89502	
LOCATION: City Clerk's Office					Phone: (775) 355-0420		Phone: (775) 358-1355	
					Fax: (775) 355-0535		Fax: (775) 355-3458	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
BASE BID								
1	Traffic Control & Construction Area Signs, Lane Closures, and Detours per Sections 215 & 315	1 LS	\$64,823.45	\$64,823.45	\$118,148.70	\$118,148.70	\$451,060.75	\$451,060.75
2	Construction Staging/Stockpile Location per Section 7-10.2.1	1 LS	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$12,500.00	\$12,500.00
3	Emulsion Aggregate Slurry (Final Quantity) per Sections 203-5 & 302-4	132325 SY	\$2.00	\$264,650.00	\$2.40	\$317,580.00	\$1.70	\$224,952.50
4	Asphalt Rubber Chip Seal (Final Quantity) per Sections 203-12 & 302-10	66255 SY	\$4.25	\$281,583.75	\$4.28	\$283,571.40	\$4.25	\$281,583.75
5	Microsurfacing (Final Quantity) per Sections 203-16 & 302-14	24438 SY	\$3.00	\$73,314.00	\$3.55	\$86,754.90	\$2.30	\$56,207.40
6	Remove and Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 210, 214, 310 & 312	1 LS	\$116,000.00	\$116,000.00	\$165,000.00	\$165,000.00	\$121,600.00	\$121,600.00
7	10' Unistrut Sign Post	4 EA	\$160.00	\$640.00	\$272.00	\$1,088.00	\$200.00	\$800.00
8	Sign Post Anchor	4 EA	\$55.00	\$220.00	\$136.00	\$544.00	\$100.00	\$400.00
9	Furnish and Install M6-6 (RT) Sign	1 EA	\$130.00	\$130.00	\$136.00	\$136.00	\$100.00	\$100.00
10	Furnish and Install M6-4 Sign	1 EA	\$130.00	\$130.00	\$136.00	\$136.00	\$100.00	\$100.00
11	Furnish and Install R81(CA) Sign	6 EA	\$130.00	\$780.00	\$136.00	\$816.00	\$100.00	\$600.00
12	Furnish and Install D11-1 Sign	1 EA	\$130.00	\$130.00	\$136.00	\$136.00	\$100.00	\$100.00
13	Preformed Green Thermoplastic for Bike Lanes	612 SF	\$12.00	\$7,344.00	\$17.00	\$10,404.00	\$12.00	\$7,344.00
14	Preformed Green Thermoplastic Panels with Bike Rider Symbol	3 EA	\$500.00	\$1,500.00	\$2,040.00	\$6,120.00	\$1,500.00	\$4,500.00

BID SUMMARY

PROJECT TITLE: Annual Street Sealing 2014-15

PROJECT NO.: 2015.007

BID NO.: 14-15.022

BID OPENING			ENGINEER'S ESTIMATE		Sierra nevada Construction, Inc.		Intermountain Slurry Seal, Inc.	
DATE: Thursday, March 5, 2015			Date Approved: 2/4/2015		P.O. Box 50760		1005 Terminal Way, Suite 220	
TIME: 3:00 p.m.			Prepared by: N. Castelino		Sparks, NV 89435		Reno, NV 89502	
LOCATION: City Clerk's Office					Phone: (775) 355-0420		Phone: (775) 358-1355	
				Fax: (775) 355-0535		Fax: (775) 355-3458		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
15	Preformed Green Thermoplastic Panels with Bike Lane Arrow	3 EA	\$500.00	\$1,500.00	\$884.00	\$2,652.00	\$650.00	\$1,950.00
TOTAL BASE BID:				\$822,745.20	\$1,004,087.00		\$1,163,798.40	
BID ALTERNATE A								
A1	Failed Existing AC Pavement Repairs (Dig Outs)	1560 TONS	\$200.00	\$312,000.00	\$157.00	\$244,920.00	\$159.76	\$249,225.60
A2	Traffic Control & Construction Area Signs, Lane Closures, and Detours per Sections 215 & 315	1 LS	\$46,800.00	\$46,800.00	\$6,000.00	\$6,000.00	\$7,000.00	\$7,000.00
TOTAL BID ALTERNATE A:				\$358,800.00	\$250,920.00		\$256,225.60	
TOTAL BASE BID:				\$822,745.20	\$1,004,087.00		\$1,163,798.40	
TOTAL BASE BID + ALTERNATE BID ITEM A:				\$1,181,545.20	\$1,255,007.00		\$1,420,024.00	
SUBCONTRACTORS:					American Pavement Systems		Chrisp Company	
					Chrisp Company		Central Valley Engineering & Asphalt, Inc.	
SECURITIES:					O'Grady Paving		10% Bid Bond	
					10% Bid Bond		10% Bid Bond	
NOTES:					** Addendum #1 Received		** Addendum #1Received	

Reviewed by: _____ Date: _____
 Nicole Castelino, Project Manager

Reviewed by: N.S. Date: 3/6/15
 Nick Thom, Senior Engineer

BID SUMMARY



PROJECT TITLE: Annual Street Sealing 2014-15

PROJECT NO.: 2015.007

BID NO.: 14-15.022

BID OPENING DATE: Thursday, March 5, 2015 TIME: 3:00 p.m. LOCATION: City Clerk's Office	ENGINEER'S ESTIMATE Date Approved: 2/4/2015 Prepared by: N. Castelino	Telfer Highway Technologies 4522 Parker Avenue, Suite 350 McClellan, CA 95652 Phone: (916) 383-1756 Fax: (916) 246-7936
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ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST
BASE BID						
1	Traffic Control & Construction Area Signs, Lane Closures, and Detours per Sections 215 & 315	1 LS	\$64,823.45	\$64,823.45	\$190,000.00	\$190,000.00
2	Construction Staging/Stockpile Location per Section 7-10.2.1	1 LS	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
3	Emulsion Aggregate Slurry (Final Quantity) per Sections 203-5 & 302-4	132325 SY	\$2.00	\$264,650.00	\$2.25	\$297,731.25
4	Asphalt Rubber Chip Seal (Final Quantity) per Sections 203-12 & 302-10	66255 SY	\$4.25	\$281,583.75	\$4.00	\$265,020.00
5	Microsurfacing (Final Quantity) per Sections 203-16 & 302-14	24438 SY	\$3.00	\$73,314.00	\$2.90	\$70,870.20
6	Remove and Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 210, 214, 310 & 312	1 LS	\$116,000.00	\$116,000.00	\$121,600.00	\$121,600.00
7	10' Unistrut Sign Post	4 EA	\$160.00	\$640.00	\$200.00	\$800.00
8	Sign Post Anchor	4 EA	\$55.00	\$220.00	\$100.00	\$400.00
9	Furnish and Install M6-6 (RT) Sign	1 EA	\$130.00	\$130.00	\$100.00	\$100.00
10	Furnish and Install M6-4 Sign	1 EA	\$130.00	\$130.00	\$100.00	\$100.00
11	Furnish and Install R81(CA) Sign	6 EA	\$130.00	\$780.00	\$100.00	\$600.00
12	Furnish and Install D11-1 Sign	1 EA	\$130.00	\$130.00	\$100.00	\$100.00
13	Preformed Green Thermoplastic for Bike Lanes	612 SF	\$12.00	\$7,344.00	\$12.00	\$7,344.00
14	Preformed Green Thermoplastic Panels with Bike Rider Symbol	3 EA	\$500.00	\$1,500.00	\$1,500.00	\$4,500.00

BID SUMMARY

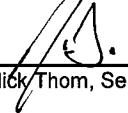
PROJECT TITLE: Annual Street Sealing 2014-15

PROJECT NO.: 2015.007

BID NO.: 14-15.022

BID OPENING DATE: Thursday, March 5, 2015 TIME: 3:00 p.m. LOCATION: City Clerk's Office			ENGINEER'S ESTIMATE Date Approved: 2/4/2015 Prepared by: N. Castelino		Telfer Highway Technologies 4522 Parker Avenue, Suite 350 McClellan, CA 95652 Phone: (916) 383-1756 Fax: (916) 246-7936	
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST
15	Preformed Green Thermoplastic Panels with Bike Lane Arrow	3 EA	\$500.00	\$1,500.00	\$650.00	\$1,950.00
TOTAL BASE BID:				\$822,745.20	\$976,115.45	
BID ALTERNATE A						
A1	Failed Existing AC Pavement Repairs (Dig Outs)	1560 TONS	\$200.00	\$312,000.00	\$275.00	\$429,000.00
A2	Traffic Control & Construction Area Signs, Lane Closures, and Detours per Sections 215 & 315	1 LS	\$46,800.00	\$46,800.00	\$45,000.00	\$45,000.00
TOTAL BID ALTERNATE A:				\$358,800.00	\$474,000.00	
TOTAL BASE BID:				\$822,745.20	\$976,115.45	
TOTAL BASE BID + ALTERNATE BID ITEM A:				\$1,181,545.20	\$1,450,115.45	
SUBCONTRACTORS:					American Pavement Systems Chrisp Company	
SECURITIES:					10% Bid Bond	
NOTES:					** Addendum #1 Received	

Reviewed by: _____ Date: _____
Nicole Castelino, Project Manager

Reviewed by:  Date: 3/6/15
Nick Thom, Senior Engineer



City of San Leandro

Meeting Date: April 6, 2015

Resolution - Council

File Number: 15-136 **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 American Asphalt for the Annual Street Sealing 2014-15, Project No. 2015.0070 and Appropriating \$485,000 of Measure B Local Streets and Roads Funds for the Project (awards the contract to the lowest responsible bidder in the amount of \$1,175,102.42 from Measure B, Cal Recycle Grant and Gas Tax Funds for preventive maintenance of various streets in San Leandro)

WHEREAS, the City of San Leandro did, on March 5, 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:

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 American Asphalt, in the amount of \$1,175,102.42 for the Base Bid plus Bid Alternate "A"; and

That \$485,000.00 of Measure B Local Streets and Roads funds 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 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.