



City of San Leandro

Meeting Date: July 16, 2018

Staff Report

File Number: 18-218

Agenda Section: CONSENT CALENDAR

Agenda Number: 8.D.

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 \$1,894,316 Construction Contract to American Pavement Systems, Inc., for the Annual Street Sealing 2017-18 Project, Project No. 2018.0070; Authorizing the City Manager to Negotiate and Approve Individual Change Orders Up to 5% (or \$94,716) of the Original Contract Amount; and Authorizing the City Manager to Negotiate and Approve Change Orders up to a Cumulative Value not to Exceed 15% (or \$284,147) of the Original Contract Amount

SUMMARY AND RECOMMENDATIONS

This contract provides for the application of preventive maintenance treatments to 15.2 lane miles of pavement on 46 separate City street segments in the 2018 Asphalt Maintenance Area; application of preventive maintenance treatments on 3 City Park parking lots, three street segments beyond the 2018 Asphalt Maintenance Area, Fire Station No. 13's parking lot; and installation of 44 concrete curb ramps to meet current accessibility standards at locations within the street sealing work area.

Staff recommends the following actions:

- Award of a construction contract to American Pavement Systems, Inc. in the amount of \$1,894,316 for the subject project;
- Authorize the City Manager to negotiate and approve individual change orders up to 5% (or \$94,716) of the original contract amount; and
- Authorize the City Manager to negotiate and approve change orders up to a cumulative value of 15% (or \$284,147) of the original contract amount;

BACKGROUND

Street sealing is an annual maintenance activity that prolongs the useful life of streets. The treatments associated with this project include slurry seals and cape seals with asphalt rubber chips. These treatments involve the application of one or more layers of aggregate materials,

crumb rubber chips produced from recycled used tires, and asphalt emulsions. The particular process is individually selected for each street based on its pavement condition.

The City is divided into four asphalt maintenance areas and each year maintenance work is concentrated within one area to improve efficiency while reducing costs. The worst streets that are suitable for each treatment within the 2018 Maintenance Area were chosen for this project, with priority given to arterial and collector streets that carry more vehicles. One of the benefits of the proposed project is its ability to extend the lifespan of streets in relatively good condition with minimum expense.

The Americans with Disabilities Act (ADA) mandates construction of compliant curb ramps at street intersections when roadway pavement is replaced, overlaid, or treated with a cape seal. Within the cape seal locations, this contract will install new ramps at locations where none exists and will upgrade existing non-compliant ramps.

Curb ramps are a vital component of the pedestrian travel way. Ramps allow wheelchair users to safely cross streets. Ramps make sidewalks accessible, regardless of physical ability. Each ramp includes a panel of raised domes to warn the vision impaired of a street crossing.

The California Department of Resources Recycling and Recovery (CalRecycle) awarded grant funds to the City for the use of crumb rubber chips derived from scrap rubber tires in the rubberized chip seal process. This grant funding will be reimbursed at a rate of \$1.00 per square yard. Not only does this use of recycled tires provide an excellent product, it provides for an opportunity to reduce the quantity of non-biodegradable byproducts from polluting the environment and is in line with the City's sustainability efforts under the Climate Action Plan.

In addition to the above work, to assist Public Works with their maintenance effort, and efficiency in combining similar tasks, this project will also install surface treatment at three City Park parking lots (using General Funds for City Park Maintenance), three streets beyond the 2018 Maintenance zone (using SB-1 Gas Tax Funds), and Fire Station No. 13's Parking lot (using General Funds for City Building Maintenance).

Analysis

Bids were opened on June 5, 2018. Three (3) bids were received ranging from \$1,894,316 to \$2,354,127. The pre-bid engineer's estimate for construction was \$1,817,797. American Pavement Systems, Inc. was determined by staff to be the lowest responsible bidder. Staff verified that the contractor has a valid Contractor's State License Board license and is registered with the California Department of Industrial Relations.

None of the bidders has an office in San Leandro that would qualify them as a local business per the Local Inclusion Ordinance. Also, none of the bidders were able to meet the Local Business Participation Goal of 25% by subcontracting with San Leandro businesses for 25% of the contract value. However, the low bidder provided documentation that demonstrated good faith efforts to outreach and engage local business participation. This project is subject to the provisions of the Community Workforce Agreement (CWA) and all Bidders signed the CWA commitment form.

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 delays 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 authorization to negotiate and approve individual change orders. Additionally, the favorable bids received provide the opportunity to increase the amount of work installed without increasing the project budget. Therefore, staff requests authority to negotiate and approve individual change orders up to 5% (\$94,716) of the original contract amount and cumulative change orders up to 15% (\$284,147) of the original contract amount.

Current Agency Policies

- Maintain and enhance San Leandro's infrastructure

Previous Actions

- On November 21, 2016, the City Council by Resolution No. 2016-157 authorized the City Manager to file an application for the CalRecycle Rubberized Asphalt Concrete Grant Program.

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, bicyclist, transit riders or motorists, regardless of age or ability.

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

Environmental Review

This project is categorically exempt from California Environmental Quality Act (CEQA) per Section 15301(c) of the CEQA guidelines. The Notice of Exemption was filed with the Alameda County Recorder on November 27, 2017.

Summary of Public Outreach Efforts

- The Notice to Bidders was published in the Daily Review, the South County Post, Visión Hispana and Sing Tao.
- Staff also notified twenty-three 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.

Two mandatory pre-bid meetings were held on May 3rd and May 8th, 2018. The intent of these meetings was to inform bidders of the project details, including the City's Local Inclusion Ordinance and the CWA.

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

Fiscal Impacts

The total project cost is estimated at \$2,369,463 as follows:

Design and Bid:	\$81,000
Construction Contract:	\$1,894,316
Construction Management and Inspection:	\$110,000
<u>Construction Contingency:</u>	<u>\$284,147</u>
Total:	\$2,369,463

Budget Authority

The work will be funded by the following appropriations:

<u>Account No.</u>	<u>Source</u>	<u>Fiscal Yr.</u>	<u>Amount</u>
144-38-393	Measure B Streets	FY17-18	\$1,850,000
140-31-056	Gas Tax	FY17-18	\$180,000
210-62-122	General Fund	FY17-18 (City Park Maintenance)	\$124,000
210-18-139	General Fund	FY17-18 (City Building Maintenance)	\$2,000
150-38-404	Cal Recycle Grant	FY17-18	\$85,000
143-38-381	Vehicle Registration Fees	FY 16-17	\$156,000
Total Project Appropriation:			\$2,397,000

ATTACHMENTS

- Project Area Map and List of Street Segments to receive treatment
- Bid Summary - Annual Street Sealing 2017-18

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: Annual Street Sealing 2017-18
PROJECT NO.: 2018.0070
BID NO.: 17-18.042

BID OPENING			ENGINEER'S ESTIMATE		American Pavement Systems, Inc.		Telfer Pavement Technologies, LLC		VSS International, Inc.	
DATE: Tuesday, June 5, 2018 TIME: 3:00 p.m. LOCATION: City Clerk's Office			Date Approved: 5/29/18 Prepared by: J. O'Driscoll		1012 11th Street, Suite 1000 Modesto, CA 95354 Phone: (209) 522-2277 Fax: (209) 577-2564		4522 Parker Avenue, Suite 350 McClellan, CA 95652 Phone: (916) 383-1756 Fax: (916) 383-4084		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	UNIT COST	ITEM COST
1	Mobilization, Staging & Stockpiling per Sections 7-8.4 & 9.3.4	1 LS	\$85,000.00	\$85,000.00	\$70,000.00	\$70,000.00	\$425,000.00	\$425,000.00	\$83,173.98	\$83,173.98
2	Temporary Traffic Control per Section 600	1 LS	\$125,000.00	\$125,000.00	\$217,000.00	\$217,000.00 **	\$392,000.00	\$392,000.00	\$227,368.00	\$227,368.00
3	Install Concrete Valley Gutter City Standard Plan No. 114	304 SF	\$40.00	\$12,160.00	\$52.00	\$15,808.00	\$33.60	\$10,214.40	\$34.25	\$10,412.00
4	Install Concrete Apron per City Standard Plan No. 114	734 SF	\$35.00	\$25,690.00	\$48.00	\$35,232.00	\$33.60	\$24,662.40	\$34.50	\$25,323.00
5	Install Curb and Gutter per City Standard Plan No. 100	950 LF	\$80.00	\$76,000.00	\$90.00	\$85,500.00	\$84.00	\$79,800.00	\$85.50	\$81,225.00
6	Install Asphalt Concrete Tie-ins per City Standard Plan Nos. 100 & 114	945 CF	\$30.00	\$28,350.00	\$25.00	\$23,625.00	\$68.00	\$64,260.00	\$60.00	\$56,700.00
7	Install Wheelchair Curb Cut Ramp per City Standard Plan Nos. 106A and 106B	4,784 SF	\$28.00	\$133,952.00	\$43.00	\$205,712.00	\$30.71	\$146,916.64	\$31.30	\$149,739.20
8	Install Sidewalk per City Standard Plan No. 100	400 SF	\$22.00	\$8,800.00	\$23.00	\$9,200.00	\$19.95	\$7,980.00	\$20.50	\$8,200.00
9	Not Used		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
10	Install Roadside Signs per Sections 315	7 EA	\$500.00	\$3,500.00	\$450.00	\$3,150.00	\$446.25	\$3,123.75	\$455.00	\$3,185.00
11	Tree Trimming by Arborist per Section 300-1	1 LS	\$7,000.00	\$7,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$14,794.00	\$14,794.00
12	Distressed Pavement Repair (Dig Outs) per Section 302-3	995 TN	\$270.00	\$268,650.00	\$235.00	\$233,825.00	\$250.00	\$248,750.00	\$239.00	\$237,805.00
13	Slurry Seal(Final Quantity) per Section 302-14	73,742 SY	\$2.30	\$169,606.60	\$2.48	\$182,880.16	\$1.85	\$136,422.70	\$2.73	\$201,315.66



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 PROJECT NO.: 2018.0070
 BID NO.: 17-18.042

BID OPENING DATE: Tuesday, June 5, 2018 TIME: 3:00 p.m. LOCATION: City Clerk's Office	ENGINEER'S ESTIMATE Date Approved: 5/29/18 Prepared by: J. O'Driscoll	American Pavement Systems, Inc. 1012 11th Street, Suite 1000 Modesto, CA 95354 Phone: (209) 522-2277 Fax: (209) 577-2564	Telfer Pavement Technologies, LLC 4522 Parker Avenue, Suite 350 McClellan, CA 95652 Phone: (916) 383-1756 Fax: (916) 383-4084	VSS International, Inc. 3785 Channel Drive West Sacramento, CA 95691 Phone: (916) 373-1500 Fax: (916) 373-0183
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ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
14	Microsurfacing (Final Quantity) per Section 302-14	88,132 SY	\$2.75	\$242,363.00	\$2.48	\$218,567.36	\$2.00	\$176,264.00	\$2.73	\$240,600.36
15	Asphalt Rubber & Aggregate Membrane (Final Quantity) per Section 302-10	83,640 SY	\$4.75	\$397,290.00	\$4.40	\$368,016.00	\$5.00	\$418,200.00	\$5.77	\$482,602.80
16	Remove & Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 310 & 312	1 LS	\$210,000.00	\$210,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$175,000.00	\$178,101.00	\$178,101.00
17	Adjust Sanitary Sewer or Storm Water Manhole Frame and Cover to Grade per Section 301-1.6	8 EA	\$800.00	\$6,400.00	\$800.00	\$6,400.00	\$825.00	\$6,600.00	\$845.50	\$6,764.00
18	Adjust Survey Monument or Sanitary Sewer Lamphole Frame and Cover to Grade per Section 301-1.6	4 EA	\$800.00	\$3,200.00	\$550.00	\$2,200.00	\$530.00	\$2,120.00	\$546.00	\$2,184.00
19	Install Curb with Gutter & Mowing Strip per detail 3/9A and per Section 302-5	61 LF	\$110.00	\$6,710.00	\$200.00	\$12,200.00	\$108.01	\$6,588.61	\$112.00	\$6,832.00
20	Install Asphalt Concrete Paving per Detail 3/9A and per City Standard Plan No. 100	25 TN	\$325.00	\$8,125.00	\$200.00	\$5,000.00	\$209.00	\$5,225.00	\$1,067.00	\$26,675.00
TOTAL BASE BID:				\$1,817,796.60		\$1,894,315.52 **		\$2,354,127.50		\$2,043,000.00

REQUIRED DOCUMENTATION:	Bid Bond	YES	YES	YES
	San Leandro Local Business	No	No	No
	25% Participation	No	No	No
	Good Faith Effort	YES	YES	No
	Agreement to be Bound	YES	YES	YES



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 PROJECT NO.: 2018.0070
 BID NO.: 17-18.042

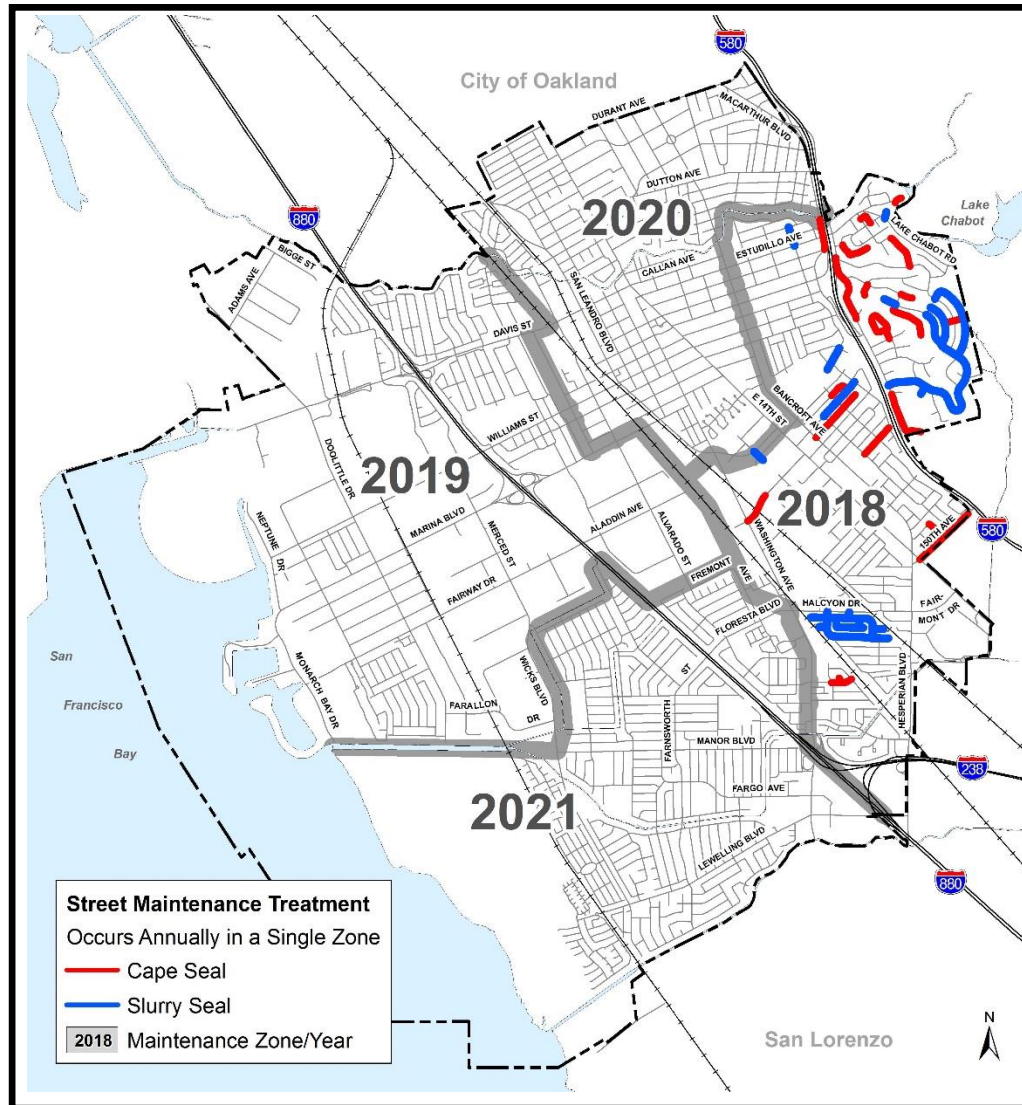
BID OPENING		ENGINEER'S ESTIMATE		American Pavement Systems, Inc.	Telfer Pavement Technologies, LLC	VSS International, Inc.		
DATE: Tuesday, June 5, 2018		Date Approved: 5/29/18		1012 11th Street, Suite 1000	4522 Parker Avenue, Suite 350	3785 Channel Drive		
TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Modesto, CA 95354	McClellan, CA 95652	West Sacramento, CA 95691		
LOCATION: City Clerk's Office				Phone: (209) 522-2277	Phone: (916) 383-1756	Phone: (916) 373-1500		
				Fax: (209) 577-2564	Fax: (916) 383-4084	Fax: (916) 373-0183		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
SUBCONTRACTORS:					Chrisp Company	C.F. Archibald	Chrisp Company	
					L.F. Archibald, Inc.	Professional Tree Care Co	C.F. Archibald Paving, Inc.	
					Rosas Brothers Construction	Chem Weed	Sposeto Engineering, Inc.	
						Chrisp Company	Professional Tree Care Co.	
						Sposeto Engineering		
SECURITIES:					10% Bid Bond	10% Bid Bond	10% Bid Bond	
					** Math Error Corrected and/or	** Addendum #1-3 Received	**Addendum #1-3 Received	
					Addendum #1-3 Received			
NOTES:								

Reviewed by: John O'Driscoll Date: 6/5/18
 John O'Driscoll, Project Manager

Reviewed by: Austine Osakwe Date: 6/5/18
 Austine Osakwe, Senior Engineer



Annual Street Maintenance 2018 Proposed Locations



STREET NAME	BEGIN	END
137th Ave	Wake Ave	138th Ave
138th Ave	Lark St	School St
139th Ave	Bancroft Ave	Cul-de-sac
139th Ave	Washington Ave	Driveway @ 790 139th Av.
150th Ave	E. 14th St	City Limit
Begonia Ct	Hollyhock Dr	Cul-de-sac
Begonia Dr	Hollyhock Dr	Hollyhock Dr
Benedict Dr	Sherry Ct	City Limit
Benedict Dr	View Dr	Benedict Ct
Bradrick Dr	Harold Ave	Martell Ave
Chabot Ter	Lake Chabot Rd	Cul-de-sac
Crocus Dr	Zinnia Dr	Cul-de-sac
Dahlia Ct	Hollyhock Dr	Cul-de-sac
Donald Ave	Peters St	150th Ave
Edgehill Ct	Marineview Dr	Cul-de-sac
Evergreen Ave	Fulton Ave	Cul-de-sac
Graff Ave.	1582 Graff Ave.	View Dr.
Harborview Dr	Skyview Dr	Marineview Dr
Hillside Cir	Hillside Dr	Hillside Dr
Hillside Dr	Montrose Dr	Hillside Cir
Hillview Dr	Harborview Dr	Lakeview Dr
Hollyhock Dr	Halcyon Dr	Cul-de-sac
Lakeview Dr	Skyview Dr	Marineview Dr (N. inter.)
Macarthur Bl	San Leandro Creek	Joaquin Ave
Marineview Dr	Edgehill Rd	Cul-de-sac
Marineview Dr	Skyview Dr	Vista Grand Dr
Morgan Ave	Collier Dr	Estudillo Ave
Narcissus Ct	Begonia Dr	Cul-de-sac
Oleander St	Begonia Dr	Halcyon Dr
Rose Dr	San Leandro Bl	Hospital RoW
Russ Ave	Lark Ave	School St
Ruthelen Ct	Bradrick Dr	Cul-de-sac
Sandelin Ave	Norene Way	Cul-de-sac
Sandelin Ct	Graff Ave	Sandelin Ave
Scenicview Ct	Scenicview Dr	Sandelin Ave
Scenicview Dr	Edgehill Rd	Cul-de-sac
Skyview Dr	Lakeview Dr	Longview Dr
Sunflower Dr	Begonia Dr	Crocus Dr
Sylvan Cir	Estudillo Ave	Cul-de-sac
Vista Grand Ct	Vista Grand Dr	Cul-de-sac
Vista Grand Dr	Benedict Dr	Marineview Dr
Zinnia Dr	Begonia Dr	Crocus Dr



City of San Leandro

Meeting Date: July 16, 2018

Resolution - Council

File Number: 18-219 **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 \$1,894,316 Construction Contract to American Pavement Systems, Inc. for the Annual Street Sealing 2017-18 Project, Project No. 2018.0070; Authorizing the City Manager to Negotiate and Approve Individual Change Orders Up to 5% (or \$94,716) of the Original Contract Amount; and Authorizing the City Manager to Negotiate and Approve Change Orders up to a Cumulative Value not to Exceed 15% (or \$284,147) of the Original Contract Amount (Provides for the application of preventive maintenance treatments on City street segments in the 2018 Asphalt Maintenance Area and authorization for the City Manager to negotiate and execute contract change orders up to 15% of the contract amount)

WHEREAS, the City of San Leandro did, on June 5, 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 finds that the proposal hereinafter mentioned is the lowest responsive bid by a responsible bidder for doing said work of the Base Bid and Additive Bid A; and

WHEREAS, the subject project is categorically exempt from the California Environmental Quality 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, the State of California Department of Resources Recycling and Recovery awarded the City a grant to reimburse at a certain rate the costs associated with incorporating recycled tires in the project; 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 and products that are to the City's highest standards, the City Council finds that providing authorization to negotiate and approve change orders is in the best interest of public health, safety and welfare.

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 to wit, American Pavement Systems, Inc., in the amount of \$1,894,316; 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 \$94,716 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 \$284,147; 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.