



City of San Leandro

Meeting Date: June 5, 2017

Staff Report

File Number: 17-261 **Agenda Section:** CONSENT CALENDAR

Agenda Number: 8.H.

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 American Pavement Systems, Inc. for the Annual Street Sealing 2016-17 Project, Project No. 2017.0070; Authorization for the City Manager to Negotiate and Approve Individual Change Orders Up to 10% of the Original Contract Amount; and Authorization for the City Manager to negotiate and approve cumulative change orders up to 30% of the original contract amount;

SUMMARY AND RECOMMENDATIONS

The subject project will provide the application of preventive maintenance treatments on 21 City streets in the 2017 Asphalt Maintenance Area.

Staff recommends awarding the construction contract of the Base Bid and Additive Bid "A" to American Pavement Systems, Inc. in the amount of \$730,000.00 for the subject project; authorizing individual change orders up to 10% of the original contract (\$73,000.00); authorizing a total change order amount up to 30% of the original contract (\$219,000.00).

BACKGROUND

Street sealing is an annual maintenance activity that prolongs the useful life of streets. The treatments associated with this project include slurry sealing and asphalt rubber chip sealing. 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 and is based on the condition of the street.

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 2017 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. A summary of street segments to receive treatments is attached.

In advance of this project and in compliance with the Americans with Disabilities Act (ADA), the City Council awarded the Curb Ramp Upgrades 2016-17 Project, Project No. 2017.0070 to Silman Construction to install curb ramps where none currently exist and to upgrade non-compliant ramps.

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 \$0.50 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.

Analysis

Bids were opened on May 15, 2017. Five (5) bids were received for base plus alternate "A", ranging from \$730,000.00 to \$1,108,801.00. The pre-bid engineer's estimate for construction was \$918,278.85 (base plus additive A bid). American Pavement Systems, Inc. was determined to be the lowest responsible bidder.

The bid documents contained a Bid Alternate "A" for a selection of street segments in the project scope. This work was separated from the base bid so that it could be omitted from the contract in the event that bids received exceeded the available funding. Staff recommends that Bid Alternate "A" be included as part of this contract.

None of the bidders has an office in San Leandro that would qualify them as a local business per the Local Inclusion Policy Ordinance. Also, none of the bidders will 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. Staff verified that the contractor has a valid Contractor's State License Board license and is registered with the California Department of Industrial Relations.

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. 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 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 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 10% (\$73,000) of the original contract amount and cumulative change orders up to 30% (\$219,000) of the original

contract amount.

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, 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 December 2, 2016.

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.

Prior to construction, staff will notify the residents of the streets within the project 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 including design, construction, contingencies and construction management is estimated at \$1,636,394.00; \$1,064,455.00 for this Street Sealing work plus \$571,939.00 for the separate Curb Ramp Upgrade work.

The subject contract is in the amount of \$730,000.00. The maximum amount authorized by this action, including change orders is \$949,000.00. Change orders that increase the project cost beyond the budget authority will not be issued without Council approval of an additional appropriation.

Budget Authority

The following accounts will be used on this project:

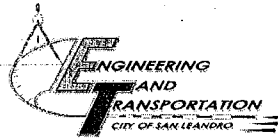
Account No.	Source & Appropriation Date	Appropriation Amount	Funds Available (as of 4/30/2017)
150-36-013	TDA, FY 16-17 budget	\$ 76,556.00	\$ 76,556.00
143-38-381	Vehicle Registration Fees, FY 16-17 budget	\$ 425,000.00	\$ 408,000.00
144-38-381	Measure B Fund, FY 16-17 budget	\$1,075,000.00	\$1,075,000.00
010-14-010	General Fund, Community Investment Fund, FY 16-17 budget	\$ 25,947.88	\$ 25,947.88
150-38-376	CalRecycle Grant 15-16, Reso 2011-055	\$ 82,223.50	\$ 50,863.50
TOTAL		\$1,684,727.38	\$1,636,367.38

ATTACHMENTS

- Project Area Map and List of Street Segments to receive treatment
- Bid Summary - Annual Street Sealing 2016-17

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 2016-17
 PROJECT NO.: 2017.0070
 BID NO.: 16-17.021

BID OPENING		ENGINEER'S ESTIMATE		American Pavement Systems, Inc		American Asphalt		VSS International, Inc.		
DATE: Monday, May 15, 2017		Date Approved: 4/19/2017		1012 11th St., Ste. 1000		24200 Clawiter Rd.		3785 Channel Drive		
TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Modesto, CA 95354		Hayward, CA 94545		West Sacramento, CA 95691		
LOCATION: City Clerk's Office				Phone: (209) 522-2277		Phone: (510) 723-0280		Phone: (916) 373-1500		
				Fax: (209) 408-0427		Fax: (510) 723-0288		Fax: (916) 373-0183		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
BASE BID										
1	Mobilization, Staging & Stockpiling per Sections 7-8.4 & 9-3.4	1 LS	\$80,000.00	\$80,000.00	\$65,000.00	\$65,000.00	\$40,000.00	\$40,000.00	\$28,748.45	\$28,748.45
2	Traffic Control And Construction Signs per Section 315	1 LS	\$53,000.00	\$53,000.00	\$91,261.49	\$91,261.49	\$64,000.00	\$64,000.00	\$44,720.00	\$44,720.00
3	Tree Trimming by Arborist per Section 300-1	1 LS	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00
4	Distressed Pavement Repair (Dig Outs) per Section 302-3	598 TN	\$300.00	\$179,400.00	\$225.00	\$134,550.00	\$245.00	\$146,510.00	\$225.75	\$134,998.50
5	Microsurfacing (Final Quantity) per Section 302-14	17604 SY	\$3.50	\$61,614.00	\$1.68	\$29,574.72	\$2.20	\$38,728.80	\$2.86	\$50,347.44
6	Asphalt Rubber Chip Seal (Final Quantity) per Section 302-10	39287 SY	\$4.50	\$176,791.50	\$4.10	\$161,076.70	\$4.00	\$157,148.00	\$5.63	\$221,185.81
7	Emulsion Aggregate Slurry (Final Quantity) per Section 302-4	68290 SY	\$2.50	\$170,725.00	\$1.43	\$97,654.70	\$2.10	\$143,409.00	\$2.72	\$185,748.80
8	Remove & Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 310 & 312	1 LS	\$72,000.00	\$72,000.00	\$96,700.00	\$96,700.00	\$92,000.00	\$92,000.00	\$97,000.00	\$97,000.00
9	Install Roadside Signs per Sections 315	4 EA	\$1,200.00	\$4,800.00	\$404.00	\$1,616.00	\$1,600.00	\$6,400.00	\$405.00	\$1,620.00
10	Adjust Sanitary Sewer or Storm Water Manhole Frame and Cover to Grade per Section 301-1.6	14 EA	\$1,200.00	\$16,800.00	\$504.00	\$7,056.00	\$1,200.00	\$16,800.00	\$504.00	\$7,056.00
11	Adjust Survey Monument or Sanitary Sewer Lamphole Frame and Cover to Grade per Section 301-1.6	4 EA	\$1,000.00	\$4,000.00	\$394.00	\$1,576.00	\$1,200.00	\$4,800.00	\$393.75	\$1,575.00

BID SUMMARY

PROJECT TITLE: Annual Street Sealing 2016-17

PROJECT NO.: 2017.0070

BID NO.: 16-17.021

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TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Modesto, CA 95354		Hayward, CA 94545		West Sacramento, CA 95691		
LOCATION: City Clerk's Office				Phone: (209) 522-2277		Phone: (510) 723-0280		Phone: (916) 373-1500		
				Fax: (209) 408-0427		Fax: (510) 723-0288		Fax: (916) 373-0183		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
TOTAL BASE BID:				\$826,130.50	\$694,065.61		\$717,795.80		\$778,000.00	
BID ADDITIVE A										
A1	Mobilization, Staging & Stockpiling per Sections 7-8.4 & 9-3.4	1 LS	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$4,550.00	\$4,550.00
A2	Traffic Control And Construction Signs per Section 315	1 LS	\$5,000.00	\$5,000.00	\$4,700.00	\$4,700.00	\$1,500.00	\$1,500.00	\$5,711.97	\$5,711.97
A3	Tree Trimming by Arborist per Section 300-1	1 LS	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
A4	Distressed Pavement Repair (Dig Outs) per Section 302-3	59 TN	\$300.00	\$17,700.00	\$225.00	\$13,275.00	\$245.00	\$14,455.00	\$225.75	\$13,319.25
A7	Emulsion Aggregate Slurry (Final Quantity) per Section 302-4	8573 SY	\$2.50	\$21,432.50	\$1.43	\$12,259.39	\$2.10	\$18,003.30	\$2.86	\$24,518.78
A8	Remove & Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 310 & 312	1 LS	\$4,000.00	\$4,000.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,200.00	\$2,400.00	\$2,400.00
TOTAL ADDITIVE BID A:				\$57,632.50	\$35,934.39		\$39,658.30		\$53,000.00	
TOTAL BASE BID + ADDITIVE BID ITEM A:				\$883,763.00	\$730,000.00		\$757,454.10		\$831,000.00	
REQUIRED DOCUMENTATION:			Addendum #1 Acknowledgement		Addendum #1 Received		Addendum #1 Received		Addendum #1 Received	
			Bid Bond		Bid Bond Received		Bid Bond Received		Bid Bond Received	
			San Leandro Located Business		N/A		N/A		N/A	
			25% Participation		N/A		N/A		N/A	
			Good Faith Effort		Submitted & Acceptable		Not Submitted		Not Submitted	
SUBCONTRACTORS:					Chrisp Company		Chrisp Company		C.F. Archibald Paving, Inc.	
					C.F. Archibald Paving Inc.		American Pavement Systems		Chrisp Company	
					Professional Tree Care Company		Arborwell		Professional Tree Care Company	

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PROJECT NO.: 2017.0070

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TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		Modesto, CA 95354	Hayward, CA 94545	West Sacramento, CA 95691		
LOCATION: City Clerk's Office				Phone: (209) 522-2277	Phone: (510) 723-0280	Phone: (916) 373-1500		
				Fax: (209) 408-0427	Fax: (510) 723-0288	Fax: (916) 373-0183		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST

Reviewed by: *J. O'Driscoll* Date: 5/17/17
 John O'Driscoll, Project Manager

Reviewed by: *A. Osakwe* Date: 5/17/17
 Justine Osakwe, Senior Engineer

BID SUMMARY



PROJECT TITLE: Annual Street Sealing 2016-17
 PROJECT NO.: 2017.0070
 BID NO.: 16-17.021

BID OPENING DATE: Monday, May 15, 2017 TIME: 3:00 p.m. LOCATION: City Clerk's Office	ENGINEER'S ESTIMATE Date Approved: 4/19/2017 Prepared by: J. O'Driscoll	Telfer Pavement Technologies, LLC. 4522 Parker Avenue, Suite 350 McClellan, CA 95652 Phone: (916) 383-1756 Fax: (916) 383-4084	Intermountain Slurry Seal, Inc. 1120 Terminal Way Reno, NV 89502 Phone: (775) 358-1355 Fax: (916) 714-9868
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ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
BASE BID								
1	Mobilization, Staging & Stockpiling per Sections 7-8.4 & 9-3.4	1 LS	\$80,000.00	\$80,000.00	\$72,000.00	\$72,000.00	\$75,000.00	\$75,000.00
2	Traffic Control And Construction Signs per Section 315	1 LS	\$53,000.00	\$53,000.00	\$175,000.00	\$175,000.00	\$144,461.45	\$144,461.45
3	Tree Trimming by Arborist per Section 300-1	1 LS	\$7,000.00	\$7,000.00	\$9,000.00	\$9,000.00	\$8,000.00	\$8,000.00
4	Distressed Pavement Repair (Dig Outs) per Section 302-3	598 TN	\$300.00	\$179,400.00	\$240.00	\$143,520.00	\$407.00	\$243,386.00
5	Microsurfacing (Final Quantity) per Section 302-14	17604 SY	\$3.50	\$61,614.00	\$3.50	\$61,614.00	\$2.75	\$48,411.00
6	Asphalt Rubber Chip Seal (Final Quantity) per Section 302-10	39287 SY	\$4.50	\$176,791.50	\$5.50	\$216,078.50	\$6.40	\$251,436.80
7	Emulsion Aggregate Slurry (Final Quantity) per Section 302-4	68290 SY	\$2.50	\$170,725.00	\$2.00	\$136,580.00	\$2.25	\$153,652.50
8	Remove & Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 310 & 312	1 LS	\$72,000.00	\$72,000.00	\$93,000.00	\$93,000.00	\$105,000.00	\$105,000.00
9	Install Roadside Signs per Sections 315	4 EA	\$1,200.00	\$4,800.00	\$385.00	\$1,540.00	\$425.00	\$1,700.00
10	Adjust Sanitary Sewer or Storm Water Manhole Frame and Cover to Grade per Section 301-1.6	14 EA	\$1,200.00	\$16,800.00	\$480.00	\$6,720.00	\$1,550.00	\$21,700.00
11	Adjust Survey Monument or Sanitary Sewer Lamphole Frame and Cover to Grade per Section 301-1.6	4 EA	\$1,000.00	\$4,000.00	\$375.00	\$1,500.00	\$1,550.00	\$6,200.00

BID SUMMARY

PROJECT TITLE: Annual Street Sealing 2016-17

PROJECT NO.: 2017.0070

BID NO.: 16-17.021

BID OPENING		ENGINEER'S ESTIMATE		Telfer Pavement Technologies, LLC.		Intermountain Slurry Seal, Inc.		
DATE: Monday, May 15, 2017		Date Approved: 4/19/2017		4522 Parker Avenue, Suite 350		1120 Terminal Way		
TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		McClellan, CA 95652		Reno, NV 89502		
LOCATION: City Clerk's Office				Phone: (916) 383-1756		Phone: (775) 358-1355		
				Fax: (916) 383-4084		Fax: (916) 714-9868		
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST
TOTAL BASE BID:				\$826,130.50			\$916,552.50	\$1,058,947.75
BID ADDITIVE A								
A1	Mobilization, Staging & Stockpiling per Sections 7-8.4 & 9-3.4	1 LS	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00
A2	Traffic Control And Construction Signs per Section 315	1 LS	\$5,000.00	\$5,000.00	\$9,500.00	\$9,500.00	\$3,500.00	\$3,500.00
A3	Tree Trimming by Arborist per Section 300-1	1 LS	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
A4	Distressed Pavement Repair (Dig Outs) per Section 302-3	59 TN	\$300.00	\$17,700.00	\$240.00	\$14,160.00	\$396.00	\$23,364.00
A7	Emulsion Aggregate Slurry (Final Quantity) per Section 302-4	8573 SY	\$2.50	\$21,432.50	\$2.00	\$17,146.00	\$2.25	\$19,289.25
A8	Remove & Replace Existing Thermoplastic Stripes, Pavement Markings and Markers per Sections 310 & 312	1 LS	\$4,000.00	\$4,000.00	\$2,250.00	\$2,250.00	\$2,200.00	\$2,200.00
TOTAL ADDITIVE BID A:				\$57,632.50			\$48,056.00	\$49,853.25
TOTAL BASE BID + ADDITIVE BID ITEM A:				\$883,763.00			\$964,608.50	\$1,108,801.00
REQUIRED DOCUMENTATION:			Addendum #1 Acknowledgement		Addendum #1 Received		Addendum #1 Received	
			Bid Bond		Bid Bond Received		Bid Bond Received	
			San Leandro Located Business		N/A		N/A	
			25% Participation		N/A		N/A	
			Good Faith Effort		Incomplete Submittal		Incomplete Submittal	
SUBCONTRACTORS:				C.F. Archibald Paving Inc.		Central Valley Engineering & Asphalt Inc.		
				Chrisp Company		Chrisp Company		
				Professional Tree Care Company		Chrisp Company		

BID SUMMARY

PROJECT TITLE: Annual Street Sealing 2016-17

PROJECT NO.: 2017.0070

BID NO.: 16-17.021

BID OPENING		ENGINEER'S ESTIMATE		Telfer Pavement Technologies, LLC.	Intermountain Slurry Seal, Inc.			
DATE: Monday, May 15, 2017		Date Approved: 4/19/2017		4522 Parker Avenue, Suite 350	1120 Terminal Way			
TIME: 3:00 p.m.		Prepared by: J. O'Driscoll		McClellan, CA 95652	Reno, NV 89502			
LOCATION: City Clerk's Office				Phone: (916) 383-1756	Phone: (775) 358-1355			
				Fax: (916) 383-4084	Fax: (916) 714-9868			
ITEM NO.	ITEM	QUANTITY	UNIT COST	ITEM COST	UNIT COST	ITEM COST	UNIT COST	ITEM COST

Reviewed by: *J. O'Driscoll* Date: 5/17/17
 John O'Driscoll, Project Manager

Reviewed by: *J. Osakwe* Date: 5/17/17
 Justine Osakwe, Senior Engineer



City of San Leandro

Meeting Date: June 5, 2017

Resolution - Council

File Number: 17-262 **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 American Pavement Systems, Inc. for the Annual Street Sealing 2016-17 Project, Project No. 2017.0070; authorization for the City Manager to Negotiate and Approve Individual Change Orders up to 10% of the original contract amount and Cumulative Change Orders up to 30% of the original contract amount;

WHEREAS, the City of San Leandro, on May 15, 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 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 of the Base Bid and Additive Bid A to the lowest responsible bidder therefore, to wit, American Pavement Systems, in the amount of \$730,000.00; and

That the City Manager or his designee is authorized to negotiate and approve individual change orders up to a maximum of 10% of the original contract amount, or \$73,000.00 each; and.

That the City Manager or his designee is authorized to negotiate and approve cumulative change orders up to a maximum of 30% of the original contract amount, or \$219,000.00; 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.