

Invitation for Bid # 9159.7

Doors and Windows Replacement at Various Facilities

**Erratum/Addendum #2**

December 12, 2022

1. The above referenced Invitation for Bid is hereby modified to add specifications for Aluminum-Framed Entrances and Storefronts requirements – See attached.
2. Remove Quotation Form (pages 1 through 4) and replace with the attached **Revised Quotation Form** (pages 1 through 5).
3. All other terms and conditions remain the same.
4. Date and time set for receipt of responses remain unchanged i.e. December 19, 2022 at 2:00 P.M.



Angela McIntosh-Davis, CPPB, Director  
Division of Procurement

AMD:lab

Please indicate your receipt of this notice by signing below and return with your bid or under separate cover.

Received: \_\_\_\_\_  
Name and Title

Signature \_\_\_\_\_

Name of Company: \_\_\_\_\_

**DETAILED SPECIFICATIONS**

I. Aluminum-Framed Entrances and Storefronts

- a. Aluminum Storefront: Factory fabricated, factory finished aluminum framing members with infill, related flashings, anchorage and attachment devices. 6063-T6 aluminum alloy, 1/8" minimum wall thickness.
  1. Glazing position centered front to back.
  2. Vertical mullion dimensions: 2 inches wide by 4-1/2" deep.
  3. Fabrication: Joints and corners flush, hairline, and weatherproof, accurately fitted and secured.
  4. Tubular aluminum sections: thermally broken with interior section insulated from the exterior, with drainage holes and interior weep drainage system.
  
- b. Door Openings.
  1. Framing: Box type with four enclosed sides.
  2. Provide internal reinforcement with aluminum bar stock at closer, mullion, and locking strike points.
  3. Provide bar stock reinforcement, securely fastened to framing members, to fill voids in hollow stops at closer and strike locations. (typically, 1/2" thick x 1-1/2" wide x 18" long. Bar stock is hidden by applied stop)
  4. Applied door stops, 0.125" minimum wall thickness, with pressure gasketing for weather-stripping seal.
  5. Pre-machine and reinforce frame members for hardware in accordance with the manufacturer's standards and door hardware schedule.
  
- c. Doors
  1. Anodized Aluminum extrusions made from 6063 aluminum alloys with a minimum temper of T5.
  2. Stiles: Minimum 6" width to accept exit device.
  3. Top Rail: 8" width to accept closer.
  4. Mid Rail: 6-1/2" width.
  5. Bottom Rail: 10" width.
  6. Integral glass stops on exterior.

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7. Door components assembled with mortise-and-tenon joints and 3/8” diameter full-width tie rods.
  8. Lower lite shall be filled with an insulated panel.
- d. Door Hardware:
1. Surface-mounted closer: Install shoe at reinforced door stop elevation, use blade stop spacer (example-LCN 4110-61 and shoe support- LCN 4110-30 or equivalent). Closer body must be mounted to follow this elevation.
  2. Exit hardware: Install Strike at the face of the reinforced door stop, and install appropriate spacers to provide full support behind the stop for the strike. Layout and install exit hardware to provide proper clearance at strike.
  3. Assume removable center mullions on double door openings (Typ.: Von Duprin KR 4954 STAB)
  4. See typical door hardware packages:

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### 3.4 HARDWARE SETS

#### HARDWARE SET #1

2 EA.	CONTINUOUS HINGES 780-224HD	ALUM
1 EA.	EXIT DEVICE XPCD98NL-OP	626
1 EA.	EXIT DEVICE XPCD98EO	626
2 EA.	CYLINDERS 20-001	626
1 EA.	PULL 1097HA-FC-RC-SP	US32D
1 EA.	PULL 1097HA-NC-RC-SP	US32D
1 EA.	CYLINDER 1E72	626
1 EA.	REM. MULLION KR4954 X 154 STAB	SP28
1 EA.	MULLION SEAL 5100-S	GRAY
1 EA.	CYLINDER 20-001	626
2 EA.	CLOSERS 4111H-CUSH-4110-30	ALUM
2 EA.	KICKPLATES 8" X 2" LDW	US32D
1 EA.	THRESHOLD 425HD-SIA X MS/LS	ALUM
2 EA.	DOOR SWEEPS C627A	ALUM
1 SET	GASKETING 155S	ALUM

#### PAIR OF DOORS

- EXTERIOR FROM MAIN ENTRANCE VESTIBULE
- EXTERIOR FROM CORRIDOR
- EXTERIOR FROM LOBBY

#### HARDWARE SET #1A

1 EA.	CONTINUOUS HINGE 780-224HD	ALUM
1 EA.	CONTINUOUS HINGE 780-224HD-EPT *	ALUM
1 EA.	ELECTRIC EXIT DEVICE SD-EL-XP98NL-OP *	626
1 EA.	EXIT DEVICE XPCD98EO	626
1 EA.	POWER TRANSFER EPT-2 *	SP28
1 EA.	POWER SUPPLY PS873BK-2-FA *	----
1 EA.	STATION CONSOLE SLP4A	US32D
2 EA.	CYLINDERS 20-001	626
1 EA.	POWER DOOR OPERATOR 4640 *	ALUM
1 EA.	WALL ACTUATOR 59-HSS * (EXT)	US32D
1 EA.	KEY SWITCH 653-14 X L2 X HDP *	626
1 EA.	CYLINDER 20-001	626
1 EA.	PULL 1097HA-FC-RC-SP	US32D
1 EA.	PULL 1097HA-NC-RC-SP	US32D
1 EA.	CYLINDER 1E72	626
1 EA.	REM. MULLION KR4954 X 154 STAB	SP28
1 EA.	MULLION SEAL 5100-S	GRAY
1 EA.	CYLINDER 20-001	626
1 EA.	CLOSER 4111H-CUSH-4110-30	ALUM
2 EA.	KICKPLATES 8" X 2" LDW	US32D
1 EA.	THRESHOLD 425HD-SIA X MS/LS	ALUM
2 EA.	DOOR SWEEPS C627A	ALUM
1 SET	GASKETING 155S	ALUM
1 EA.	WIRING DIAGRAM	----

#### e. Glass and Insulating Panels

1. Install 1" insulated aluminum glazing panels, finished to match mullions, in lower lites of doors and storefronts. Insulation core=polyurethane foam, Face sheet= smooth aluminum, U-Factor= 0.23.
2. Install 1" insulating laminated safety glazing in the upper lites of doors and storefronts.

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**APPENDIX H**  
**Revised QUOTATION FORM**

**COMPANY NAME:** \_\_\_\_\_

Bidder shall supply one manufacture and price per line item and must complete ALL line items. Bidder shall supply all required information for each line item. **DO NOT ALTER THE QUOTATION FORM IN ANY WAY - BIDDER SHALL SUPPLY WITH THEIR BID MANUFACTURERS' LITERATURE FOR PRODUCTS IDENTIFIED.** Failure to comply with the above shall be considered non-responsive and disqualify your bid. Prices below are to be all-inclusive, including materials, labor, all removal/disposal cost, and any equipment required to allow bidder to complete their work in all detail.

**RATES:** Regular rate cost will represent work performed Monday through Friday, 6:00 AM until 5:59 PM. Overtime rate will represent work performed Monday through Friday 6:00 PM until 5:59 AM, including weekends and all MCPS Holidays.

Calculate the **total cost column** for each line item by multiplying the quantity by the regular rate. ***The basis of award will be the total cost as requested under Item #30 (consideration will be given to the unit cost provided for overtime rate.)***

		<b><i>ALL INCLUSIVE COST INCLUDING ALL MATERIALS, LABOR AND ACCESSORIES</i></b>					
<b>ITEM #</b>	<b>DESCRIPTION (Provide material as specified herein)</b>	<b>MANUFACTURER &amp; MODEL</b>	<b>ANNUAL ESTIMATED QUANTITIES</b>	<b>UNITS</b>	<b>UNIT COST REGULAR RATE</b>	<b>UNIT COST OVERTIME RATE</b>	<b>TOTAL COST REGULAR RATE</b>
1.	Aluminum Single Hung Window & Frames		2500	Sq. Ft.	\$	\$	\$
2.	Aluminum Double Hung Window & Frames		1,000	Sq. Ft.	\$	\$	\$
3.	Aluminum Slider Window & Frames		1,000	Sq. Ft.	\$	\$	\$

**Revised QUOTATION FORM – Cont (Page 2 of 5)**

**COMPANY NAME:** \_\_\_\_\_

							<i>ALL INCLUSIVE COST INCLUDING ALL MATERIALS, LABOR AND ACCESSORIES</i>			
ITEM #	DESCRIPTION (Provide Material as Specified herein)	MANUFACTURER & MODEL	ANNUAL ESTIMATED QUANTITIES	UNITS	UNIT COST REGULAR RATE	UNIT COST OVERTIME RATE	TOTAL COST REGULAR RATE			
4.	Aluminum Projected Windows & Frames		500	Sq. Ft.	\$	\$	\$			
5.	Aluminum Fixed Window & Frames		1,250	Sq. Ft.	\$	\$	\$			
6.	Aluminum Casement Windows & Frames		1,000	Sq. Ft.	\$	\$	\$			
7.	Fiberglass Fixed Windows and Frames		250	Sq. Ft.	\$	\$	\$			
8.	Fiberglass Projected Windows & Frames		250	Sq. Ft.	\$	\$	\$			
9.	Fiberglass Casement Windows & Frames		250	Sq. Ft.	\$	\$	\$			
10.	Fiberglass Single Hang Windows & Frames		250	Sq. Ft.	\$	\$	\$			
11.	Fiberglass Double Hung Windows & Frames		250	Sq. Ft.	\$	\$	\$			
12.	Fiberglass Slider Windows & Frames		250	Sq. Ft.	\$	\$	\$			
13.	Steel Doors & Frames including all Hardware and Accessories (Hollow Metal with Steel Stiffeners)		600	Sq. Ft.	\$	\$	\$			
14.	Steel Doors including all Hardware and Accessories (Hollow Metal with Steel Stiffeners)		600	Sq. Ft.	\$	\$	\$			

**Revised QUOTATION FORM – CONTINUED (Page 3 of 5)**

**COMPANY NAME:** \_\_\_\_\_

		<i>ALL INCLUSIVE COST INCLUDING ALL MATERIALS, LABOR AND ACCESSORIES</i>					
ITEM #	DESCRIPTION (Provide Material as specified herein)	MANUFACTURER & MODEL	ANNUAL ESTIMATED QUANTITIES	UNITS	UNIT COST REGULAR RATE	UNIT COST OVERTIME RATE	TOTAL COST REGULAR RATE
15.	Steel Doors & Frames Including all Hardware And Accessories (Polystyrene Cores)		600	Sq. Ft.	\$	\$	\$
16.	Steel Doors Including all Hardware and Accessories (Polystyrene Cores)		600	Sq. Ft.	\$	\$	\$
17.	Window Lights 4" X 25"		50	each	\$	\$	\$
18.	Window Lights 20" X 30"		25	each	\$	\$	\$
19.	Transoms and Side Window Lights in Hollow Metal Frames		250	Sq. Ft.	\$	\$	\$
20.	Non-Fire Rated Interior Wood Doors including all Hardware and Accessories		1,000	Sq. Ft.	\$	\$	\$

**Revised QUOTATION FORM – CONTINUED (Page 4 of 5)**

**COMPANY NAME:** \_\_\_\_\_

							<i>ALL INCLUSIVE COST INCLUDING ALL MATERIALS, LABOR AND ACCESSORIES</i>		
ITEM #	DESCRIPTION (Provide Material as specified herein)	MANUFACTURER & MODEL	ANNUAL ESTIMATED QUANTITIES	UNITS	UNIT COST REGULAR RATE	UNIT COST OVERTIME RATE	TOTAL COST REGULAR RATE		
21.	Fire Rated Interior Wood Doors including all Hardware and Accessories		1,000	Sq. Ft.	\$	\$	\$		
22.	Sound Retardant Wood Door including all Hardware and Accessories		100	Sq. Ft.	\$	\$	\$		
23.	Glass units only – see General Requirements		200	Sq. Ft.	\$	\$	\$		
24.	Aluminum Storefront Doors and Frames Including all Hardware and Accessories. Specified herein		600	Sq. Ft.	\$	\$	\$		
25.	Transoms and Side Window Lights in Aluminum Storefront Frames. Specified herein		250	Sq. ft.	\$	\$	\$		



**Revised QUOTATION FORM – CONTINUED (Page 5 of 5)**

**COMPANY NAME:** \_\_\_\_\_

							<i>ALL INCLUSIVE COST INCLUDING ALL MATERIALS, LABOR AND ACCESSORIES</i>		
ITEM #	DESCRIPTION (Provide Material as specified herein)	MANUFACTURER & MODEL	ANNUAL ESTIMATED QUANTITIES	UNITS	UNIT COST REGULAR RATE	UNIT COST OVERTIME RATE	TOTAL COST REGULAR RATE		
26.	LCN 4640 Electronic Low Energy Operator or MCPS approved equal		10	Each	\$	\$	\$		
27.	LCN 8310-3853TWS or MCPS approved, Single Wireless Wall Mount Actuator Package, Logo, and Text		10	Each	\$	\$	\$		
28.	Louvers shall be NGP FLDL-SG1 or MCPS approved equal for fire rated Louvers		10	Sq. Ft.	\$	\$	\$		
29.	NGPL-A700 or MCPS approved equal for no vision and partition Louvers		10	Sq. Ft.	\$	\$	\$		
30.	Total Cost for Items 1 thru 29 – Regular Rate		N/A	N/A	\$	\$	\$		