

FY 2020 PM-10 Certified Street Sweeper Application Summary

Name: FY20 Sweeper 1678 Replacement Application
 Id: PEO-2020-SW-001
 Agency: Peoria

This application was signed by Janet Ramsay on 9/11/2019
 8401 West Monroe Street
 Peoria, AZ 85345
 (623) 773-7300

This is a summary of the request submitted for federal Congestion Mitigation and Air Quality (CMAQ) improvement program funding, available through the Maricopa Association of Governments (MAG) for PM-10 certified street sweepers. An estimated \$1,536,506.00 in FY 2020 CMAQ funding is available region wide. All applications are due on Monday, September 16, 2019 by 10:00 AM. Late applications are not accepted.

Section: Funding Information

Summary of the estimated costs of the requested sweeper

Procurement Method	ADOT Procurement
Total Estimated Cost of Sweeper	\$306,617.32
Total Eligible Costs	\$301,748.32
Ineligible Costs	\$4,869.00
Agency Cash Match	\$17,199.65
Total Agency Share of Costs	\$22,068.65
Federal Share of Costs	\$284,548.67

Section: Sweeper Purpose

What the requested sweeper will be used for

Replace a Noncertified Street Sweeper	No
Expand Service Area	No
Increase Sweeping Frequency	No
Replace an Older Certified Street Sweeper	Yes

Section: Roadway Types

The types of roads the requested sweeper will sweep

Arterial	Yes
Collector	Yes
Residential	Yes
Other	Yes
Description of Other Lanes	Parkways throughout the City of Peoria. (i.e. Lake Pleasant Parkway and Happy Valley Parkway)

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Section: Roadway Type Information

Details about the types of roads to be swept

Arterial Sweep Cycle Length (measured in days between sweepings)	28
Arterial Lane Miles to be Swept per Cycle	18
Arterial Average Weekday Traffic per Lane Being Swept	8,076
Collector Sweep Cycle Length (measured in days between sweepings)	70
Collector Lane Miles to be Swept per Cycle	57
Collector Average Weekday Traffic per Lane Being Swept	1,254
Residential Sweep Cycle Length (measured in days between sweepings)	70
Residential Lane Miles to be Swept per Cycle	588
Residential Average Weekday Traffic per Lane Being Swept	202
Other Sweep Cycle Length (measured in days between sweepings)	21
Other Lane Miles to be Swept per Cycle	4
Other Average Weekday Traffic per Lane Being Swept	6,982

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Section: Replace a PM-10 Certified Street Sweeper

Additional information about the sweeper being replaced

Number of hours in service on the sweeper that is being replaced	4,234
The month and year that the older certified sweeper was put into service	November 2010
Number of miles (including deadhead miles) on the sweeper that is being replaced	57,920
Percent of time older sweeper was out of service	31%
Additional information about out of service percentage	Rear engine repair & wiring Air spring/bags R&R Broom skips Bearings Sweeper water pump Air leaks

Section: Proximity to PM-10 Monitor

Information about the sweeping route's proximity to a PM-10 monitor

Will the requested certified sweeper be used within 4 miles of a PM-10 monitor?	Yes
Names of PM-10 monitors within 4 miles of sweeping route	Glendale, Dysart, Zuni Hills

Section: Local Resource Allocation

The resources prepared to make use of the street sweeper

Have local resources been committed to support the operation of the sweeper?	Yes
Details about local resources	In FY20, the Streets Division has \$406,370 dollars allocated for total compensation of one lead and four sweeper equipment operators. In addition, there is \$160,000 dollars allocated for sweeper equipment maintenance and \$33,950 allocated for fuel expenditures. At this time, there is also \$300,000 allocated to cover the local share of this replacement cost.

Section: Geographical Area

Information about the geographical area that the sweeper will operate in

Geographical area that the requested street sweeper will operate	Peoria City Limits: Northern Avenue to State Route 74; 67th Avenue to 138th Avenue.
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Section: Additional Information

Additional information about the sweeper not covered in other sections

Is the agency willing to provide MAG with additional information?	Yes
Number of Certified Sweepers Operated by Agency	5
Number of Noncertified Sweepers Operated by Agency	0



AZ Wastewater Industries, Inc.

Phone: 800 778-9359

Fax: 480 425-3321

www.azwastewaterindustries.com

3201 W. Virginia Ave, Suite 3
Phoenix, AZ 85009

QUOTE

Quote No.	14509
Quote Date	9/10/2019
Sales Rep.	BLM
Payment Terms	Net 30 Days
F.O.B.	Destination
Prices Good For	180 Days

Customer:

City of Peoria Streets Dept.
8850 North 79th Avenue
Peoria, AZ 85345
Attn: Adam Stapleton

Item	Item Description	Qty	Unit Cost	Total
M4HSD	Mechanical Sweeper with High Side Dump (per attached specifications)	1	272,806.56	272,806.56T
Option	Auxiliary Hopper Raise Option W/Pump	1	2,080.00	2,080.00T
Option	AM/FM Radio w/ CD with Aux & USB Ports (ILOS 353605NY)	1	485.00	485.00T
Option	Seat, High Back, Air, Gray (ILOS 317052)	1	855.00	855.00T
Option	25' Water Fill Hose (ILOS 046368) upgrade (in lieu of 15' hose)	1	231.00	231.00T
Option	Washdown Hose 25' (7.6 m)	1	405.00	405.00T
Option	5 Gallon Pail Holder - rear mounted	1	289.00	289.00T
Option	Additional Work Lights - front gutter brooms	2	138.50	277.00T
Option	Yellow Cab Handles - mounted LH & RH	2	175.00	350.00T
Option	Front Mounted Cone Holder	1	405.00	405.00T
Option	Rear Flashing LED Strokes	4	116.25	465.00T
Option	Front Mounted Flashing LED Strokes	4	116.25	465.00T
Option	Bracket mounted inside side panel - broom & shovel	1	0.00	0.00T
Option	Additional NYC cup holder	1	0.00	0.00T
Option	Brake Pedal Repositioning	1	0.00	0.00T
Option	8" Convex mirror on lower mirror ILO 12"	1	0.00	0.00T
Option	PM10 main hose ball valve	1	0.00	0.00T
Option	Swap RPM gauge and Speedometer positions	1	0.00	0.00T
Freight Charge	Freight Charges to Apply		3,500.00	3,500.00

As always, it's a pleasure doing business with you!

Signature _____

Subtotal	\$282,613.56
Sales Tax (8.6%)	\$24,003.76
Total	\$306,617.32



GLOBAL M4HSD

4-Wheel High Speed HIGH SIDE DUMP MECHANICAL BROOM SWEEPER

SWEEPER:

High Side Dump, Dual Gutter Broom, A/C-Heater

Hydrostatic Drive, Cummins ISB 280 HP @ 2600 RPM Engine meets 2018 EPA Emissions,

Gray/White Powder Coating and In-Cab Leaf gate, Ergo Switch, Rear View Camera System

STANDARD SWEEPER EQUIPMENT

High Visibility Cab (Glass Entry Door Included)	5.2 cu yd (3.92 cu meter) Hopper (Volumetric)
69 dBA In-Cab Noise Level	Hopper Dump Alarm
Dust & Weather Sealed Cab	47" (1194 mm) dia. Gutter Brooms
Multi-Adjustable Suspension Seat	In-Cab Gutter Broom Pressure Adjustment
Tilt & Telescoping Steering Wheel	Tuf-Grip Disposable Gutter Broom Segments
Tinted Safety Windows & Windshield	32" x 56.5" (813 mm x 1435 mm) Tube Type Pickup Broom
Windshield Wiper/Washer	58" (1473 mm) Wide Squeegee Type Elevator
Ergonomic Go Pedal	Two 18 gal (68 L) Hydraulic Oil Tanks
Coolant Temp, Oil Pressure & Voltmeter Gauges	Hydraulic Manifolds in LH Fender
Coolant, Eng Oil Pressure & Low Hyd Oil Warning Lts.	18.5' (5.6 m) Turning Radius
Speedometer, Tachometer & Hourmeter	Front & Rear Suspension
Fuel Level Gauge	All Sheet Metal Surfaces Primer Powder Coated
130 amp Heavy-Duty Alternator	All Sheet Metal Surfaces Powder Coated
280 gal (945 L) Polyethylene Water Tank	Standard Frame Paint Color Gray
Gutter Broom Water Spray Jets	Standard Hopper/Cab/Fenders Paint Color White
Pickup Broom Water Spray Jets	Fender Mounted Tool Box
Low Water Level Light in Cab	Front & Rear Tie Downs with Tow Hooks
15' (4.6 m) Hydrant Hose with Coupling & Wrench	Left & Right Dual West Coast Mirrors
Front Spray Bar	Buddy Seat
Engine Block Heater	PM10 High Quality PUB (Pick Up Broom)
Centauri Precleaner	Load Leveling Device with Hopper Full Indicator
Electrical Systems Locker	Heavy Sweeping Package Hydraulic System
Four Wheel Disk Brakes	QuickChange Main Broom System
ABS Brake System	ERGO SWITCH STANDARD
Cab Controlled Leaf Gate System	REAR VIEW CAMERA STANDARD
LED Stop/Tail Lights, Clearance Lights	11-FLIGHT Elevator System & Triple Pump Option
LED Gutter Broom Spotlights	1 Sweeper Service Manuals in English
Sealed Beam Headlights	1 Sweeper Parts Manuals in English
2017 Cummins Engine with 5 gal. DEF Tank	1 Sweeper Operator Manual in English
	2 Year Elevator Sprocket Warranty



City of Peoria

AZ Wastewater Industries, Inc., 1-800-778-9359

GLOBAL M4HSD

4-Wheel High Speed HIGH SIDE DUMP MECHANICAL BROOM SWEEPER

QTY	PART NO.	DESCRIPTION
RECOMMENDED OPTIONS		
SWEEP & HOPPER		
1	NPN	Delete Quick Change Main Broom
1	323145	Elevator Flusher
1	331016	GB Speed Control
1	247011	Dual GB Tilt (ILOS 2-323742)
1	310154	Hopper Coating
1	329557	PUB - Strip Broom 18 Piece (ILOS 329676)
1	325516	Auxiliary Hopper Raise Option W/Pump
CAB		
1	331616HEXT	New Cab Design
1	318717	Air Restriction Ind-In Cab
1	325256	AM/FM Radio w/ CD with Aux & USB Ports (ILOS 353605NY)
1	323035	Aux. Power Source + 323034 Cap
1	318806	Seat, High Back, Air, Gray (ILOS 317052)
1	324981	Heated & Remote Controlled Mirrors with Heavy Duty Brackets (ILOS 324798)
SAFETY & LIGHTING		
1	331150	Arrowstick (LED)
1	325229	Strobe, Amber-Cab
2	326844	Cab Strobe (LED)
1	325514	Limb Guard (Cab Beacon/Strobe)
2	330133	LED Headlights Upgrade
MISCELLANEOUS		
1	322079	In-Cab Water Tank Gauge
1	326517	Battery Master Shutoff
1	329822	Remote Grease Block - 9 positions
1	322500	Microtrap (PM-10 Option) (ILOS 322444, 335478, 324907)
1	049895	25' Water Fill Hose (ILOS 046368) upgrade (in lieu of 15' hose)
1	327654	Washdown Hose 25' (7.6 m)
1	NPN	5 Gallon Pail Holder - rear mounted
2	NPN	Additional Work Lights - front gutter brooms
1	NPN	Dual Rear Flood Lights - LED
1	NPN	Additional Front Bumper Step
2	NPN	Yellow Cab Handles - mounted LH & RH
1	NPN	Front Mounted Cone Holder
4	NPN	Rear Flashing LED Strobes
4	NPN	Front Mounted Flashing LED Strobes
1	NPN	Bracket mounted inside side panel - broom & shovel
1	NPN	Additional NYC cup holder
1	NPN	Brake Pedal Repositioning
1	NPN	8" Convex mirror on lower mirror ILO 12"
1	NPN	PM10 main hose ball valve
1	NPN	Swap RPM gauge and Speedometer positions
1	NPN	800 Hour Dirt Shoe Guarantee
1	NPN	3 Year Hydraulic hose guarantee
1	NPN	5 Year Hydrostatic Transmission Warranty
1	NPN	Delivery to Peoria, AZ



Sweeper Routes

