

# FY 2020 PM-10 Certified Street Sweeper Application Summary

Name: #1 City of Chandler PM-10 Certified Street Sweeper Application  
 Id: CHN-2020-SW-001  
 Agency: Chandler

This application was signed by Kevin Lair on 9/5/2019  
 P.O. Box 4008  
 Mail Stop 603  
 Chandler, AZ 85224  
 (480) 782-2210

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	Certification Acceptance
Total Estimated Cost of Sweeper	\$258,326.41
Total Eligible Costs	\$257,301.41
Ineligible Costs	\$1,025.00
Agency Cash Match	\$14,666.18
Total Agency Share of Costs	\$15,691.18
Federal Share of Costs	\$242,635.23

## 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	No
Residential	No
Other	Yes
Description of Other Lanes	Arterial streets, intersections, industrial streets, bike lanes, right turn deceleration are all swept during our night shift to avoid high volumes of traffic and avoid bicyclist and cars parked on industrial streets.

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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)	14
Arterial Lane Miles to be Swept per Cycle	204
Arterial Average Weekday Traffic per Lane Being Swept	4,000

## 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	14,272
The month and year that the older certified sweeper was put into service	July 2007
Number of miles (including deadhead miles) on the sweeper that is being replaced	93,469
Percent of time older sweeper was out of service	39%
Additional information about out of service percentage	The pick up head material has thin walls, hopper walls are thin and blower housing walls are thin requiring welding patches, electrical issues.

## 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	West Chandler

## 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	City of Chandler provides for the maintenance, fuel and operator for the life of the sweeper. These are already in place and we are requesting to replace an older certified PM-10 Street Sweeper.

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## Section: Geographical Area

*Information about the geographical area that the sweeper will operate in*

Geographical area that the requested street sweeper will operate	Chandler Heights to Hunt Hwy; Arizona Ave to Val Vista and Price Rd. to McQueen; Germann to Chandler Heights.
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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	10
Number of Noncertified Sweepers Operated by Agency	0

September 4, 2019

City of Chandler  
Attn: Corey Hillman

## **New Tymco Model 600 Regenerative Air Sweeper**

### Sales quotation

- 2020 Freightliner M2-106 Diesel Chassis
- 2 speed axle
- 200 HP Diesel engine
- Air conditioning
- Schrader valve
- AM/FM radio
- High back seats with arm rest
- Automatic transmission
- Dual Steering
- Tow hooks
- Air horn
- Front mounted LED lighting
- Arrow Stick with can mounted beacon
- Cat Water Pump
- Dual gutter broom tilt adjusters
- Straight air Head
- Suction throat liner with wear flange
- Auto sweep interrupt
- Hopper load indicator
- Pressure inlet injection
- Curtain lifter
- Camera system
- 5 year 150k extended warranty. Engine, Transmission an Aftertreatment.
- Dump switch in cab
- Low emissions package
- John Deere Auxiliary Tier 4 Motor
- Blue Logic Controls
- Abrasion Protection Package
- Auxiliary Hydraulics
- Water level gauge
- Reverse Pick Up Chains
- Truck D.O.T ready

**Respectfully Submitted**

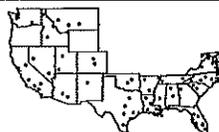
**Lee M Tonan**

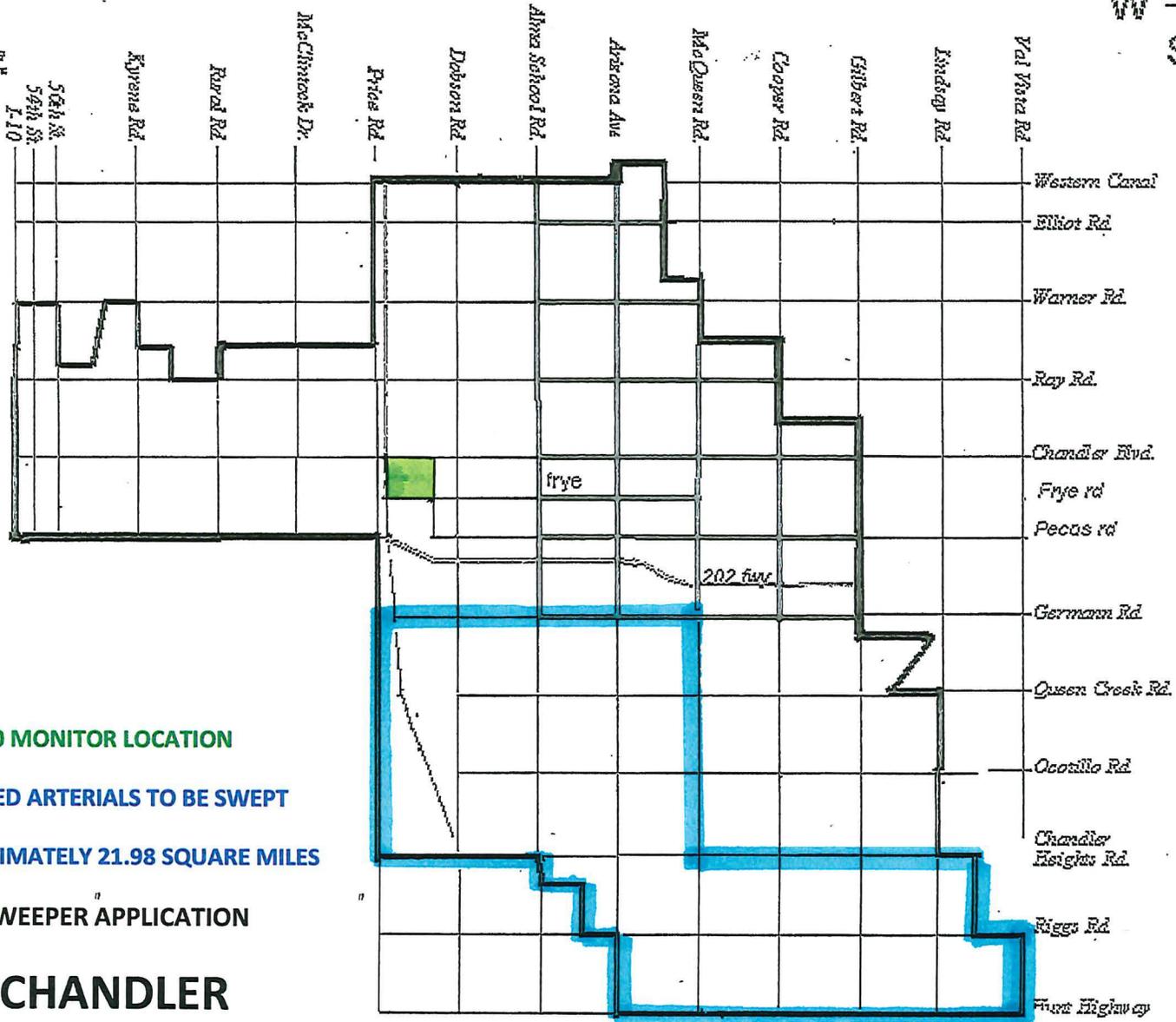
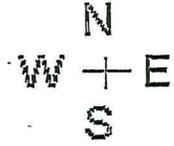
**Price FOB Chandler AZ \$238,500.00**

Tax \$ 19,826.41

Total \$258,326.41

Contact for availability





**GREEN – P.M. 10 MONITOR LOCATION**

**BLUE – PURPOSED ARTERIALS TO BE SWEEPED**

**APPROXIMATELY 21.98 SQUARE MILES**

**2019 STREET SWEEPER APPLICATION**

**CITY OF CHANDLER**