

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**  
**CMAQ Funding Available for Federal Fiscal Year 2018**

**General Instructions:**

This form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for PM-10 certified street sweepers. An estimated **\$1,755,209 in FY 2018 CMAQ funding is available regionwide.**

This application form includes: Part A - Contact Information, Part B - Cost and Funding Information, Part C - Methodology, Part D - Supplemental Information, Part E - Signature, and Part F - Checklist (These 6 parts are in one tab). Separate tabs are provided for Attachment 1 - list of eligible street sweepers for CMAQ reimbursement, Attachment 2 - list of example equipment not eligible for CMAQ reimbursement, and Map - a map of the PM nonattainment areas and monitor locations. Alternative application forms are available upon request.

**TRANSMITTAL INSTRUCTIONS and SCHEDULE**

**Application Submittal Requirements**

All applications are due on Monday, **September 25, 2017 by 10:00 a.m.** Both an electronic and printed copy of the application and all attachments are required.

The electronic copy of the application includes the following:

- a. A completed Excel spreadsheet application in MS Excel format (Please do not send a PDF or Fax instead of the spreadsheet)
- b. A PDF or FAXed copy of the Excel spreadsheet with the signature block in Part E signed and dated
- c. A PDF or FAXed copy of all required attachments

The printed copy of the application includes the following:

- a. A printout of the completed Excel spreadsheet application, with the signature block in PartE signed and dated
- b. Printed copies of all required attachments

**MAG Mailing address**

Electronic applications should be sent to the following address:

[mailto: MAG Staff](mailto:MAG Staff)

Printed copies should be addressed as follows:

Maricopa Association of Governments  
 ATTN: Teri Kennedy,  
 302 N. 1st Avenue, Suite #300,  
 Phoenix, AZ 85003.

If a complete, signed electronic copy is received by the submittal deadline, applicants have five working days to submit a printed copy of the application.

**Application Workshops and Open Working Group Meeting Schedule\***

Date	Time	Room	Event
Monday, August 21, 2017	10:00 - Noon	Saguaro	Workshop on MAG Transportation Programming and Federal Fund Project Applications
Tuesday, September 12, 2017	10:00-11:00 AM	Chaparral	Open Working Group - Federal Fund Project Applications
Tuesday, September 19, 2017	11:00 - Noon	Chaparral	Open Working Group - Federal Fund Project Applications

\* All meetings are on the 2nd floor of the MAG Offices at 302 N. 1st Avenue, Phoenix, Az 85003

**MAG Contact Information**

Contact Name	Phone	E-Mail Address
MAG Offices	602-254-6300	
Teri Kennedy	602-254-6300	<a href="mailto:TKennedy@azmag.gov">TKennedy@azmag.gov</a>
Dean Giles	602-254-6300	<a href="mailto:DGiles@azmag.gov">DGiles@azmag.gov</a>
Stephen Tate	602-452-5010	<a href="mailto:State@azmag.gov">State@azmag.gov</a>

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**  
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**All information in Parts A, B, C, D and E are required.**

**PART A - CONTACT INFORMATION**

**Contact Information**

1. Agency Name (Please select one)	Surprise
2. Name:	Tony DeLaCruz
3. Phone:	623-222-6227
4. E-Mail:	antonio.delacruz@surpriseaz.gov
5. Mailing Address:	15000 N Civic Center Plaza, Surprise AZ, 85374 - PW Department

**PART B - FUNDING INFORMATION**

6. Please attach a detailed price summary for the proposed equipment from the vendor. Additional costs for optional equipment beyond the specifications necessary for compliance with Rule 1186-certification are not eligible for reimbursement.	TENNANT SENTINEL - GUTTER/MAIN BROOM FULLY ENCLOSED SHROUD SYSTEM · DUAL FAN VACUUM SYSTEM (OPERATED AT ALL TIMES) · SYNTHETIC-SINGED POLYESTER FILTER (MAINTAINED TO ENSURE PROPER INTEGRITY)		
7. Funding Information	<b>Amount</b>		
(a) Total Cost of Sweeper	<b>\$220,279</b>		
(b) Total Cost Eligible for Reimbursement ( See the Attachment 1 for Rule 1186 List of Eligible Sweepers)	<b>\$220,279</b>		
(c) Costs not eligible for reimbursement. The Local Agency is responsible for these costs. = 7a - 7b ( See Attachment 2 for list of example ineligible equipment for CMAQ reimbursement )	<b>\$0</b>		
8. Reimbursement Information	<b>Amount</b>	<b>Funding Type</b>	<b>Share of Eligible Cost (See #7)</b>
(a) Federal Share of Total Cost Eligible for Reimbursement (Cannot be more than 94.3% of Total Eligible Cost for Reimbursement as listed in 7b) = 7b * 94.3%	<b>\$207,723</b>	<b>CMAQ</b>	<b>94.3%</b>
(b) Local Share of Total Cost Eligible for Reimbursement (Cannot be less than 5.7% of Total Cost Eligible for Reimbursement as listed in #7b) = 7b *5.7%	<b>\$12,556</b>	<b>Local</b>	<b>5.70%</b>
9. Project Funding Based on Information from #7 & #8	<b>Federal Share = 8a</b>	<b>Local Share = 7c + 8b</b>	<b>Total Cost of Sweeper</b>
	<b>\$207,723</b>	<b>\$12,556</b>	<b>\$220,279</b>

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**PART C: METHODOLOGY INFORMATION**

Information in Part C is used to calculate a CMAQ cost effectiveness score for the requested street sweeper.

10. The requested PM-10 certified street sweeper will (Select Yes or No for all that apply):

(a) Replace a noncertified street sweeper	
(b) Expand service area	
(c) Increase sweeping frequency	Yes
(d) Replace an older certified street sweeper	

11. For the requested sweeper, please provide the information for roadway types in the table below for:

	Arterial Street	Collector Street	Residential Street	Other
(a) Sweeping cycle length (measured in days between sweepings)	14		14	
(b) Lane miles to be swept per cycle	230		60	
(c) Average weekday traffic per lane being swept	4249		1689	
(d) If values were entered in the "Other" column, please specify what "Other" means:	NA			

12. If "expand service area" was "yes" in question #10, please provide the following information for the roadway types in the table below:

	Arterial Street	Collector Street	Residential Street	Other
- Previously unswept lane miles to be swept by the new sweeper:				
If values were entered in the "Other" column, please specify what "Other" means:	NA			

13. If "increase sweeping frequency" was "yes" in question #10, please provide the following information for the roadway types in the table below:

	Arterial Street	Collector Street	Residential Street	Other
- Previous cycle length (measured in days between sweepings):	30		30	
If values were entered in the "Other" column, please specify what "Other" means:	NA			

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14. If "replace an older PM-10 certified street sweeper" was "yes" in question #10, please provide information in the following boxes: (Note that at least one of a, b, or c must exceed useful life standards.)

(a) Number of hours in service of the sweeper that is being replaced  
 (b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)

Useful life standard: 12,000 hours

Optional: Space for additional comments if needed.

(c) Number of miles (including deadhead miles) on the sweeper that is being replaced  
 (d) An estimate of the percent of time the older sweeper was out of service in the past year due to repairs and maintenance issues

Useful life standard: 8 years

Optional: Space for additional comments if needed.

(e) Please explain why the older sweeper was out of service.

Useful life standard: 96,000 miles

Optional: Space for additional comments if needed.

15. Will the requested certified street sweeper be used to sweep streets within 4 miles of a PM-10 monitor? If yes, please specify which monitor.  
[Link to MAG for PM-10 Map](#)

Yes, we are sweeping within 4 miles of the Dysart monitor #2

**Part D - SUPPLEMENTAL INFORMATION:**

16. Have local resources been committed such as staff or equipment to support the operation of the PM-10 certified street sweeper? (Please select Yes or No)

Yes

If yes, please provide details (e.g., number, type and cost of employees, equipment, and maintenance).

Employee = \$30 per hour, Gutter & pick up Brooms and Zonar Maintenance software = \$12,000, Fuel = 5,200, Maintenance = \$5,000

17. Please indicate in what geographical area(s) the requested certified street sweeper will operate (e.g., Glendale Ave. to Thomas Rd.; 19th Ave. to Central Ave).

Arterial - Bullard, Peoria to Bell Road, Residential - Serra Montana, Veramonte, Bell Point, Kenly Farms, the Cottages, Coyote Lakes, Surprise Farms, street segemets, hammer heads, Cal-a sac, recess parking

18. Provide a map of the area to be swept by the proposed sweeper.

Please attach a PDF when submitting and transmitting application. If available, please submit a GIS shape showing swept area.

19. Please indicate if your agency would be willing to provide MAG with additional information on the requested PM-10 certified street sweeper. (Please select Yes or No)

Yes

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20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:

(a) PM-10 certified:	8
(b) Noncertified:	

**PART E - SIGNATURE PAGE**

As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this application is accurate and complete and that the local funds for this project will be included in the sponsoring MAG member agency's local current CIP/TIP or budget document if the project is selected for federal funding.

Signature: 

Name: Tony DeLaCruz

Title: Public Works Streets Manager

Date: September 12, 2017

**PART F - CHECK LIST (OPTIONAL)**

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed

Part A - Fields 1- 5 are complete	Yes	
Part B - Fields 6-9 are complete	Yes	
Part C - Fields 10-15 are complete	Yes	
Part D - Fields 16-20 are complete	Yes	

# Sweeper Grant Map FY18

BELL POINTE

COYOTE LAKES

SURPRISE FARMS

THE COTTAGES

THE MISSIONS

BULLARD AVE

SIERRA MONTANA PARCEL G

VERAMONTE

KENLEY FARMS

## Legend

- Hammer Heads, Cul-de-sacs, or Recess Parking
- Curbs Within Subdivision
- Arterial Streets
- Subdivisions
- City of Surprise Corporate Limits

0 0.5 1 2 Miles



Updated Date: 9/18/2017

QUOTE/ORDER-Model Sentinel

CITY OF SURPRISE  
 13430 W WESTGATE DR  
 SURPRISE, Arizona, 85374  
 TONY DELACRUZ



Rick Kazmer  
 Tennant Sales and Service Company  
 701 North Lilac Drive  
 Minneapolis, MN 55440-1452  
 800-553-8033

Quote Date : 8/22/2017

**BUILT-IN "TENNANT VALUE" INCLUDES:**

- |   |                                 |
|---|---------------------------------|
| 99 hp (74kW) Turbocharged Caterpillar Diesel Engine | AQMD Rule 1186 Certification    |
| Sealed oil dipstick                                 | Pressurized cabin               |
| Dual stage air cleaner                              | Filtered air (3 microns)        |
| Leaf-spring suspension system                       | Total view glass cab doors      |
| Oil bath power disc service brakes                  | Sliding glass windows           |
| 4 Wheel power steering                              | Premium suspension seat         |
| Hydraulic towing bypass valve and hooks             | Seat belts                      |
| 3.4 yd <sup>3</sup> (2600 L) Stainless steel hopper | Heater/defroster                |
| High-speed debris transport system                  | Keyed door locks                |
| Hopper movement warning alarm                       | Slow moving vehicle sign        |
| Thermo-Sentry™                                      | Audio backup alarm              |
| Easy-reach controls                                 | Backup lights                   |
| One-button sweeping                                 | Dual headlights/taillights      |
| Turbo assist vacuum system                          | Polypropylene main brush        |
| Premium carbide inserted skids                      | Polypropylene & wire side brush |
| Synthetic Filter with Shaker System                 | Pneumatic-Bias Ply Tires        |
| Automatic Hydraulic Self-Tensioning System          |                                 |

**TENNANT COMPANY WARRANTY**  
**2 YEARS OR 2400 HOURS - PARTS**  
**6 MONTHS - LABOR**  
**6 MONTHS - TRAVEL**

CUSTOM options may add 1 week or more to standard lead times.



"Shown with optional accessories"

**Quote Request Information**

<input type="checkbox"/>	Fax (quote only)
<input type="checkbox"/>	Mail (quote, lit, specs)
<input type="checkbox"/>	Fax + Mail

**Primary Use**

<input type="checkbox"/>	Inside
<input type="checkbox"/>	Outside

Description	Reference #	Price Each	Qty	Extended Price
<b>Base Configuration</b>				
<b>Cleaning Type</b>				
Sentinel DIESEL (Wet and Dry Sidebrush Dust Control)	SENTINEL-W/D	\$147,149.00	1	\$ 147,149.00
<b>Steering</b>				
Right Side of Cab (ONLY)	Standard	N/C	1	N/C
Price below includes 10% discount				
<b>Packages (Note 2)</b>	<b>Reference Number</b>			
Municipalities Package (Note 2)	326148	\$12,329.00	1	\$ 12,329.00
<b>Cleaning Performance</b>	<b>Reference Number</b>	<b>Price</b>		
Side and Vario Brush for RH Steering:				
RH Side Brush Assembly (Note 3)	Standard	N/C	1	N/C
Dual Side Brush Assembly (Wet Dust Control) (Note 3)	9000035	\$3,669.00	1	\$ 3,669.00
Vario Sweeping Brush Assembly (Wet Dust Control) (Note 4)	9000036	\$14,953.00	1	\$ 14,953.00
<b>(NOTE: All of the above Optional Brush Assemblies come with a brush.)</b>				
Multi-Level High Dump (9 ft 6 in / 2.9m) with Overload Indicator	9000064	\$11,465.00	1	\$ 11,465.00
Hopper Clean-Out Tool	9000076	\$183.00	1	\$ 183.00
Hydrant Water Tank Fill (Note 3)	9000085	\$417.00	1	\$ 417.00
<b>Machine Protection &amp; Safety</b>	<b>Reference Number</b>			
Rubber Rear Bumper	9000079	\$193.00	1	\$ 193.00
Air Conditioning	9000033	\$3,307.00	1	\$ 3,307.00
Passenger Seat	9000089	\$502.00	1	\$ 502.00
Tires, Pneumatic - Radial	9000078	\$1,153.00	1	\$ 1,153.00
Spare Tire, Pneumatic - Radial	760062	\$1,090.00	1	\$ 1,090.00
Jack & Lug Wrench Kit	760047	\$534.00	1	\$ 534.00
High Ambient Hydraulic Oil (Note 10)	9000126	\$126.00	1	\$ 126.00

**QUOTE/ORDER-Model Sentinel**

<b>Brushes</b> (Note 11)	<b>Reference Number</b>	<b>Price</b>			
<b>Main Sweeping</b>					
Polypropylene Brush	761126	N/C <table border="1"><tr><td>1</td><td>N/C</td></tr></table>	1	N/C	
1	N/C				
<b>Side Sweeping</b>					
Polypropylene and Wire Brush	761211	N/C <table border="1"><tr><td>2</td><td>N/C</td></tr></table>	2	N/C	
2	N/C				
<b>Vario Sweeping Brush</b>					
Polypropylene and Wire Brush	761372	N/C <table border="1"><tr><td>1</td><td>N/C</td></tr></table>	1	N/C	
1	N/C				
<b>Support</b>	<b>Reference Number</b>	<b>Price</b>			
Standard Warranty		N/C <table border="1"><tr><td>1</td><td>N/C</td></tr></table>	1	N/C	
1	N/C				
Ultimate Performance Guarantee	75806	N/C <table border="1"><tr><td>1</td><td>N/C</td></tr></table>	1	N/C	
1	N/C				
Operator Manual (English)	331000	N/C <table border="1"><tr><td>1</td><td>N/C</td></tr></table>	1	N/C	
1	N/C				
Operator DVD (English, Spanish, French) Verify Languages	1041886	N/C <table border="1"><tr><td>1</td><td>N/C</td></tr></table>	1	N/C	
1	N/C				
Service Manual CD	331005	\$72.50 <table border="1"><tr><td>1</td><td>\$ 72.50</td></tr></table>	1	\$ 72.50	
1	\$ 72.50				
<b>Custom Solutions</b> (Note 12)		<b>Price</b>			
Hyd Hose Sleeve Protection (Note 13)					
Hydraulic Lift Assist, Cab Tilt	325870	\$80.00 <table border="1"><tr><td>1</td><td>\$ 80.00</td></tr></table>	1	\$ 80.00	
1	\$ 80.00				
<b>Custom Solution--write in description, qty, price, and PN if applicable</b>					
#326265 In Cab Steering Valve	<b>Custom</b>	<table border="1"><tr><td>\$ 641.00</td><td>1</td><td>\$ 641.00</td></tr></table>	\$ 641.00	1	\$ 641.00
\$ 641.00	1	\$ 641.00			
	<b>Machine Subtotal</b>	<table border="1"><tr><td>\$ 197,863.50</td></tr></table>	\$ 197,863.50		
\$ 197,863.50					
Prepaid and Add	<b>Freight</b>	<table border="1"><tr><td>\$ 5,597.12</td><td>1</td><td>\$ 5,597.12</td></tr></table> <a href="#">FRT</a>	\$ 5,597.12	1	\$ 5,597.12
\$ 5,597.12	1	\$ 5,597.12			
Subject to all applicable taxes	<b>Tax</b>	<table border="1"><tr><td>\$ 16,818.40</td><td>1</td><td>\$ 16,818.40</td></tr></table>	\$ 16,818.40	1	\$ 16,818.40
\$ 16,818.40	1	\$ 16,818.40			
	<b>MACHINE TOTAL*</b>	<table border="1"><tr><td>\$ 220,279.02</td></tr></table>	\$ 220,279.02		
\$ 220,279.02					

**QUOTE/ORDER-Model Sentinel**

**Financing**

Is customer interested in financing?

If not, why?

Leasing Calculation Option:		Option 1	Option 2
Purchase Option:		\$1.00	FMV Sweeper
24 Months			
36 Months			
48 Months			
60 Months			

Rates 2017 - I  
 "Blank Payme  
 Applicable Or  
 "Quoted mont  
 Actual monthly  
 "Financing rat

**TennantTrue**

Is customer interested in service program?

Term:	36
Monthly machine usage (hrs):	25

AB Brushes

TennantTrue:	Rate Per Unit	Hourly Labor Rate	Site Visit Charge
Hassle Free - Monthly			
Hassle Free - 36 Mo			
Gold - Monthly	\$937.00		
Gold - Pre Pay Full Term	\$32,383.00		
Silver - Monthly	\$194.00		
Silver - Annually	\$2,281.00		
Silver - Pre Pay Full Term	\$6,705.00		
Silver - Per Visit	\$914.00		
Pay As You Go			
Block of Time - Weekly			
Block of Time - Bi-Weekly			
Road Runner - verify coverage area*			
On Demand			

\* Verify customer current pricing prior to quote. Road Runner available in select markets in the US & Canada. See map for details.

\*\*All rates and fees above reflect service for one (1) unit with the exception of Block of Time service.

**Quote Special Instructions:**

**Terms and Conditions**

Ask your local sales rep for estimated lead times. Verify when placing order  
 All orders subject to acceptance by Tennant Sales and Service Company, Minneapolis, Minnesota  
 Prices subject to change without notice.  
 Terms: Net 30 days. Subject to any applicable taxes.  
 Freight: Machines and accessory orders delivered FOB shipping point Frt PPD & Add  
 Parts, supplies, detergents and floor treating material orders delivered FOB  
 shipping point Frt PPD  
 Tennant handles all loss and damage claims on behalf of customers.  
 All orders are subject to Tennant's General Terms and Conditions available at <http://www.tennantco.com/terms>.  
 Printed General Terms and Conditions are also available upon request.

QUOTE/ORDER-Model Sentinel

Quote Date :

8/22/2017

Order Placement Information: To place your order, fill in PO# and customer signatures, call or fax to the numbers listed below. Customer Purchase Order is required. If information is missing, orders will be entered and held until all information is received.

Customer Number

0004544865

Cust Grp 3

Who Owns the Machine? (Sold-To Info) (Please Verify)

Company

CITY OF SURPRISE

Address

13430 W WESTGATE DR  
SURPRISE, Arizona, 85374

Name

TONY DELACRUZ

Phone

623-594-5827

Where is the Machine Being Shipped? (Ship-To Info) (Please Verify)

Company

CITY OF SURPRISE

Address

13430 W WESTGATE DR  
SURPRISE, Arizona, 85374

Name

TONY DELACRUZ

Phone

623-594-5827

Shipping / Carrier Instructions:

Order Special Instructions:

Customer Purchase Order No.

(please attach copy)

Tax Exempt

Yes  
No

If Yes, attach a copy of your exemption certificate.

Requested Delivery Date

Authorized Buyer (please print)

Phone Number

Authorized Buyer Signature

Rick Kazmer  
Tennant Representative

Specialized Maintenance Equipment

TENNANT · 701 NORTH LILAC DRIVE · P.O. BOX 1452 · MINNEAPOLIS, MN 55440-1452 ·  
PHONE:800-553-8033 · FAX:763-513-2116