City of Phoenix Congestion Mitigation Air Quality (CMAQ)

PM10-Street Sweeper Application – FY 2015

September 30, 2014

Maricopa Association of Governments
Received
SEP 29 2014

PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2015

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 $1,404,238 in FY 2015 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, and Attachment 2 - list of example equipment not eligible for CMAQ reimbursement. Alternative application forms are available upon request.

Deadlines and Transmittal Instructions:

The due date and time for project applications to be submitted to MAG is Tuesday, September 30, 2014, by 10:00 a.m.

Member agencies are to:

1) Transmit the application and all attachments electronically, and

To transmit the application electronically, please save the excel file, and then send the application and all attachments to Teri Kennedy, Transportation Programming Manager. Please send graphic attachments in PDF form. Click cell below to send e-mail.
mailto: tkennedy@azmag.gov

2) Submit two printed, signed, and complete applications to MAG.

To submit two printed, signed, and complete applications to MAG, the applicant can mail **(at MAG offices by Tuesday, September 30, 2014, by 10:00 a.m.** or drop off application to:

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

Or, the applicant can scan a printed and signed application and transmit it via e-mail or fax to: tkennedy@azmag.gov or 602.254.6490 by Tuesday, September 30, 2014, by 10:00 a.m. If the applicant is transmitting a scanned, printed, and signed application via e-mail or fax, the applicant will mail or drop off the original printed application by Tuesday, September 30, 2014, by 10:00 a.m.

Application Workshops and Open Working Group Meeting Schedule*

Tuesday, September 9th, 2014 from 10:00-11:00 AM	PM-10 Street Sweeper Pre-Application Workshop, Overview and Assistance meeting
Tuesday, September 23rd, 2014 from 3:00-4:00 PM	Open Working Group, FY2015 Application Assistance for PM-10 Street Sweeper Applications

* All meetings will be held in the Chaparral Room on the 2nd Floor of the MAG Offices at 302 North 1st Ave, Phoenix, Arizona 85003

If member agencies need additional information or have questions, they should contact Dean Giles, Teri Kennedy, or Stephen Tate at (602) 254-6300; or contact them by e-mail at the following addresses:

mailto:dgiles@azmag.gov
mailto:tkennedy@azmag.gov
mailto:state@azmag.gov

PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2015

All information is required.

PART A - CONTACT INFORMATION

Contact Information

1. Agency Name (Please select one)	Phoenix
2. Name:	Roger Fyffe or Leticia Vargas,P.E
3. Phone:	602-256-3139 or 602-261-8076
4. E-Mail:	roger.fyffe@phoenix.gov or leticia.vargas@phoenix.gov
5. Mailing Address:	200 W Washington St.5th floor Phx. Az 85003-1611

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.	See Attachment Price Summary, Vendor Quote.		
7. Funding Information	**Amount**		
(a) Total Cost of Sweeper	**$252,114**		
(b) Total Cost Eligible for Reimbursement (See the PDF file Rule 1186 Sweepers included in the e-mail transmittal)	**$234,291**		
(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)	**$17,823**		
8. Reimbursement Information	**Amount**	**Funding Type**	**Share of Eligible Cost (See #7)**
(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%	**$220,936**	**CMAQ**	**94.3%**
(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%	**$13,355**	**Local**	**5.70%**
9. Project Funding Based on Information from #7 & #8	**Federal Share = 8a**	**Local Share = 7c + 8b**	**Total Cost of Sweeper**
	$220,936	**$31,178**	**$252,114**

Maricopa Association of Governments
Received
SEP 29 2014

PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2015

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	no	
(b) Expand service area	no	
(c) Increase sweeping frequency	no	
(d) Replace an older certified street sweeper	yes	#133322

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	90	
(b) Lane miles to be swept per cycle	35	20	20	
(c) Average weekday traffic per lane being swept	8800	5000	500	
(d) If values were entered in the "Other" column, please specify what "Other" means:				

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:				

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):				
If values were entered in the "Other" column, please specify what "Other" means:				

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	3671	Useful life standard: 12,000 hours
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	Oct, 2001	Useful life standard: 8 years
(c) Number of miles (including deadhead miles) on the sweeper that is being replaced	147,642	**Exceeds** Useful life standard: 96,000 miles
(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	59%	
(e) Please explain why the older sweeper was out of service.	The vehicle has high milage and is often in need of parts and repair, often unreliable to perform daily routine sweeping.	

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 webpage for PM-10 Map	Yes, The sweeper to be replaced is part of our fleet that sweeps in our Southwest sweeping area. {see attached map} I t is within four miles of PM-10 monitors #5,#8,#11,#15,#16

PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2015

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	no	
(b) Expand service area	no	
(c) Increase sweeping frequency	no	
(d) Replace an older certified street sweeper	yes	#133322

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	90	
(b) Lane miles to be swept per cycle	290	80	180	
(c) Average weekday traffic per lane being swept	8800	5000	500	
(d) If values were entered in the "Other" column, please specify what "Other" means:				

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:				

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):				
If values were entered in the "Other" column, please specify what "Other" means:				

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	3671	Useful life standard: 12,000 hours
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	Oct, 2001	Useful life standard: 8 years
(c) Number of miles (including deadhead miles) on the sweeper that is being replaced	147,642	**Exceeds** Useful life standard: 96,000 miles
(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	59%	
(e) Please explain why the older sweeper was out of service.	The vehicle has high milage and is often in need of parts and repair, often unreliable to perform daily routine sweeping.	

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 webpage for PM-10 Map	Yes, The sweeper to be replaced is part of our fleet that sweeps in our Southwest sweeping area. {see attached map} I t is within four miles of PM-10 monitors #5,#8,#11,#15,#16

PM-10 CERTIFIED STREET SWEEPER APPLICATION CMAQ Funding Available for Federal Fiscal Year 2015		
Part D - SUPPLEMENTAL INFORMATION:		
16. Have local resources been committed for staff or equipment to support 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).	The City has set aside $27,921 in the 2015 budget year for sweeper purchase. This amount includes 5.7% local matching funds and items not eligible for Federal reimbursements.	
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).	The area is bound by 107th Ae to 16th St, Camelback Rd. to Dobbins Rd.	
18. Provide a map of the area to be swept by the proposed sweeper.	See attached map.	
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	
20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:		
(a) PM-10 certified:	34	
(b) Noncertified:	0	
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: Raimundo Dovalina, Jr PE		
Title: Acting Street Transportation Director		
Date: September 30, 2014		
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 10-14 are complete	Yes	
Part D - Fields 15-20 are complete	Yes	

PHX-SWEEP-01

NORWOOD EQUIPMENT INC.

QUOTATION

2422 S. 19th Ave
Phoenix, AZ 85009
Phone 602-254-0644 Fax 602-253-0164

FOR:	City of Phoenix MAG Broom Bear Quote		DATE:09/16-2014 QUOTATION #2072 Revised
ATTN:	Roger Fyffe		
Fax		roger.fyffe@phoenix.gov	

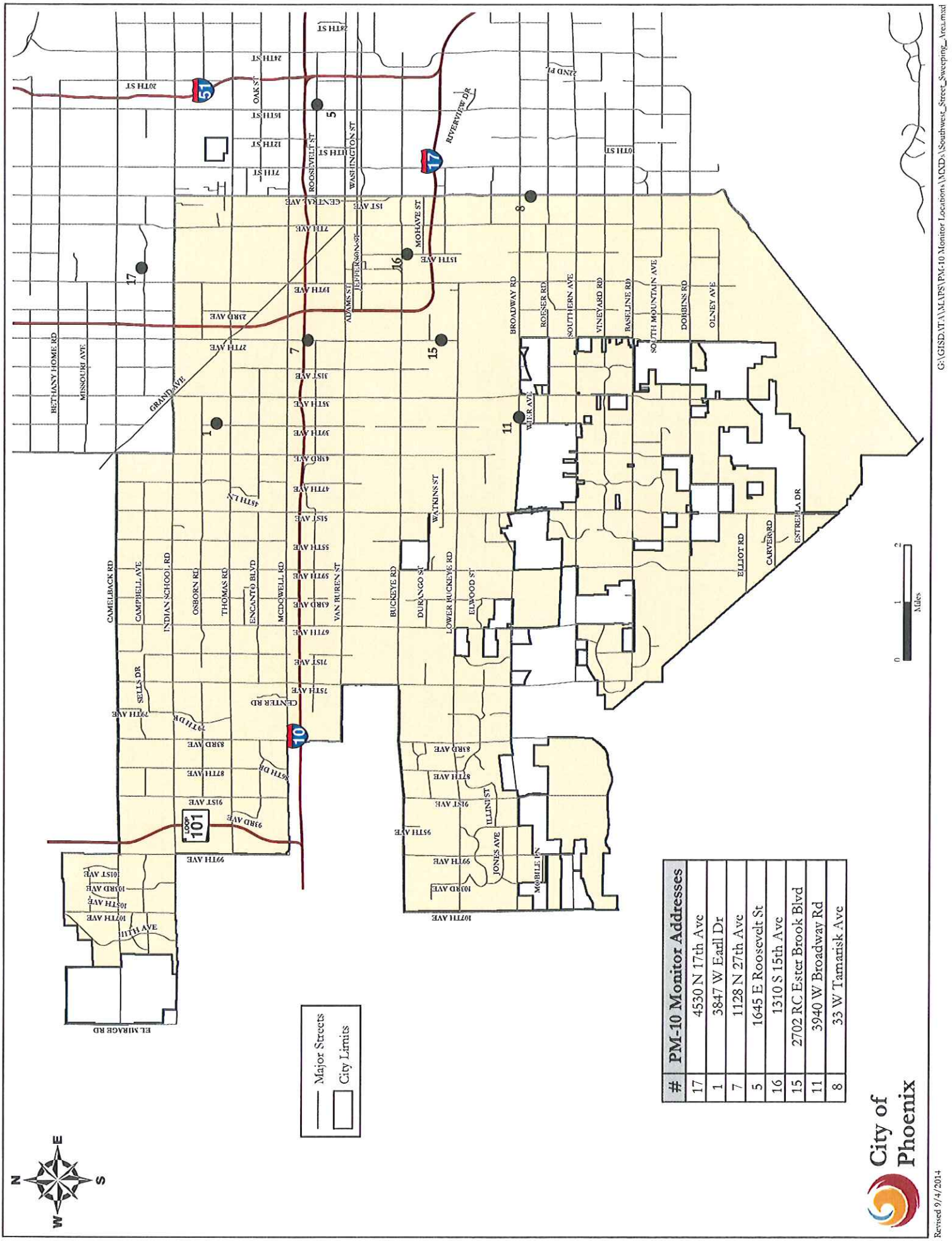
QUANTITY		T	UNIT PRICE	AMOUNT
1 Each	Elgin Broom Bear Street Sweeper			214,969.00
	OPTIONAL ITEMS			
	2 Each Air Ride Seats			1,588.00
	Slow Moving Vehicle Emblem			84.00
	Main Broom Odometer			320.00
	25' Water Hose			330.00
	RH Gutter Broom Tilt			1,090.00
	LH Gutter Broom Tilt			1,090.00
	Hopper Mounted Strobe With Guard			830.00
	PM10 Compliant			2,710.00
	Auto Lube Sweeper/Chassis			6,375.00
	Master Battery Shutoff			700.00
	LH Fender Mirror			200
	AM/FM Stereo			250
	Safety Check Bolts			92
	2 Spare Tires/Wheels			1600
	James King Reflector Kit			224
	5LB. Fire Extinguisher			30
	Brigade Electronic Back Up Alarm			310
	Quote Good Through June 2015			

SUBTOTAL	$ 232,792.00
TAX RATE	8.3%
SALES TAX	19,321.74
OTHER	
TOTAL	$ 252,113.74

If you have any questions concerning this quotation contact Name, Phone Number, Email

THANK YOU FOR YOUR BUSINESS!

PHX-SWEEP-01



#	PM-10 Monitor Addresses
17	4530 N 17th Ave
1	3847 W Earll Dr
7	1128 N 27th Ave
5	1645 E Roosevelt St
16	1310 S 15th Ave
15	2702 RC Ester Brook Blvd
11	3940 W Broadway Rd
8	33 W Tamarisk Ave