



Maricopa Association of Governments
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City of Phoenix Congestion Mitigation Air Quality (CMAQ)

PM10-Street Sweeper Application

September 19, 2012

PHX-Sweep 1

PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2013

General Instructions:

This form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa

This application form includes: Part A - Contact Information, Part B - Cost and Funding Information, Part C - Methodology, Part D -

Deadlines and Transmittal Instructions:

19, 2012. The application is also to be submitted electronically. Detailed transmittal instructions are located in the excel tab -

If member agencies need additional information or have questions, they should contact Dean Giles, Teri Kennedy, or Stephen Tate at

<mailto:dgiles@azmag.gov>

<mailto:tkennedy@azmag.gov>

<mailto:state@azmag.gov>

All information is required.

PART A - CONTACT INFORMATION

Contact Information

1. Agency Name (Please select one)	Phoenix
2. Name:	Roger Fyffe
3. Phone:	602-2563139
4. E-Mail:	roger.fyffe@phoenix.gov
5. Mailing Address:	200 W Washington St, 5th floor Phoenix, 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	Please attach the detailed price summary when submitting and transmitting application.		
7. Funding Information	Amount		
(a) Total Cost of Sweeper	\$218,942		
(b) Total Cost Eligible for Reimbursement (See Attachment 1 for list of Rule 1186 Sweepers)	\$206,064		
(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)	\$12,878		
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%	\$194,318	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%	\$11,746	Local	5.70%
9. Project Funding Based on Information from #7 & #8	Federal Share = 8a	Local Share = 7c + 8b	Total Cost of Sweeper
	\$194,318	\$24,624	\$218,942

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 (The older certified sweeper being replaced should be at least 8 years old)	Yes			
11. For the requested sweeper, please provide the information for roadway types in the table below for:				
(a) Sweeping cycle length (measured in days between sweepings)	Arterial Street	Collector Street	Residential Street	Other
	14	14	90	
(b) Lane miles to be swept per cycle	32	25	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:				
- Previously unswept lane miles to be swept by the new sweeper:	Arterial Street	Collector Street	Residential Street	Other
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:				
- Previous cycle length (measured in days between sweepings):	Arterial Street	Collector Street	Residential Street	Other
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				
(a) Number of hours in service of the sweeper that is being replaced	#33398 has 1,303 hrs. on hour meter in the sweeper. The hour meter has had problems and we estimate 4,500 hours on the sweeper based			
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	Oct-03			
(c) An estimate of the percent of time the older sweeper was out of service in the past year due to repairs and maintenance issues	58%			
(d) Please explain why the older sweeper was out of service.	The sweeper often experiences hydrolic and computer breakdowns which result in decreased availability, and efficiency.			
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.				
Yes" The sweeper to be replaced is part of a fleet that sweeps in our southwest sweeping areas{see attached map} It is within 4 miles of PM 10 Monitors 2,5,7,11,15,16 and 17				

[Link to MAG webpage for PM-10 Map](#)

Part D - SUPPLEMENTAL INFORMATION:

<p>16. Have local resources been committed for additional staff or equipment to support the PM-10 certified street sweeper? (Please select Yes or No) If yes, please provide details (e.g., number, type and cost of employees, equipment, and maintenance).</p>	Yes	The City has set aside \$24,624 in the 2013 budget year the Sweeper purchase. This amount covers the 5.7% local matching funds and items not eligible for federal reimbursements.		
<p>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).</p>	The area within the City of Phoenix bounded by 111th Avenue to 1st Avenue, W Bethany Home Road to W Pecos Road [see attached map]			
<p>18. Provide a map of the area to be swept by the proposed sweeper.</p>	Please see attached map.			
<p>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)</p>	Yes			
<p>20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets: (a) PM-10 certified: (b) Noncertified:</p>	<table border="1"> <tr><td>34</td></tr> <tr><td>0</td></tr> </table>	34	0	
34				
0				
<p>21. Does the requested sweeper satisfy a commitment made by your agency in the 2007 MAG Five Percent Plan for PM-10? Please check your agency's resolution in which commitments for PM-10 measures were made for this Plan. If you have any questions, please call Dean Giles, (602) 254-6300. (Please select Yes or No)</p>	No			

PART E - SIGNATURE PAGE

As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this

Signature: <i>R. Naimark</i>
Name: Rick Naimark
Title: Deputy City Manager
Date: September 18, 2012

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 15-21 are complete	Yes	

NORWOOD EQUIPMENT INC.

188531

QUOTATION

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

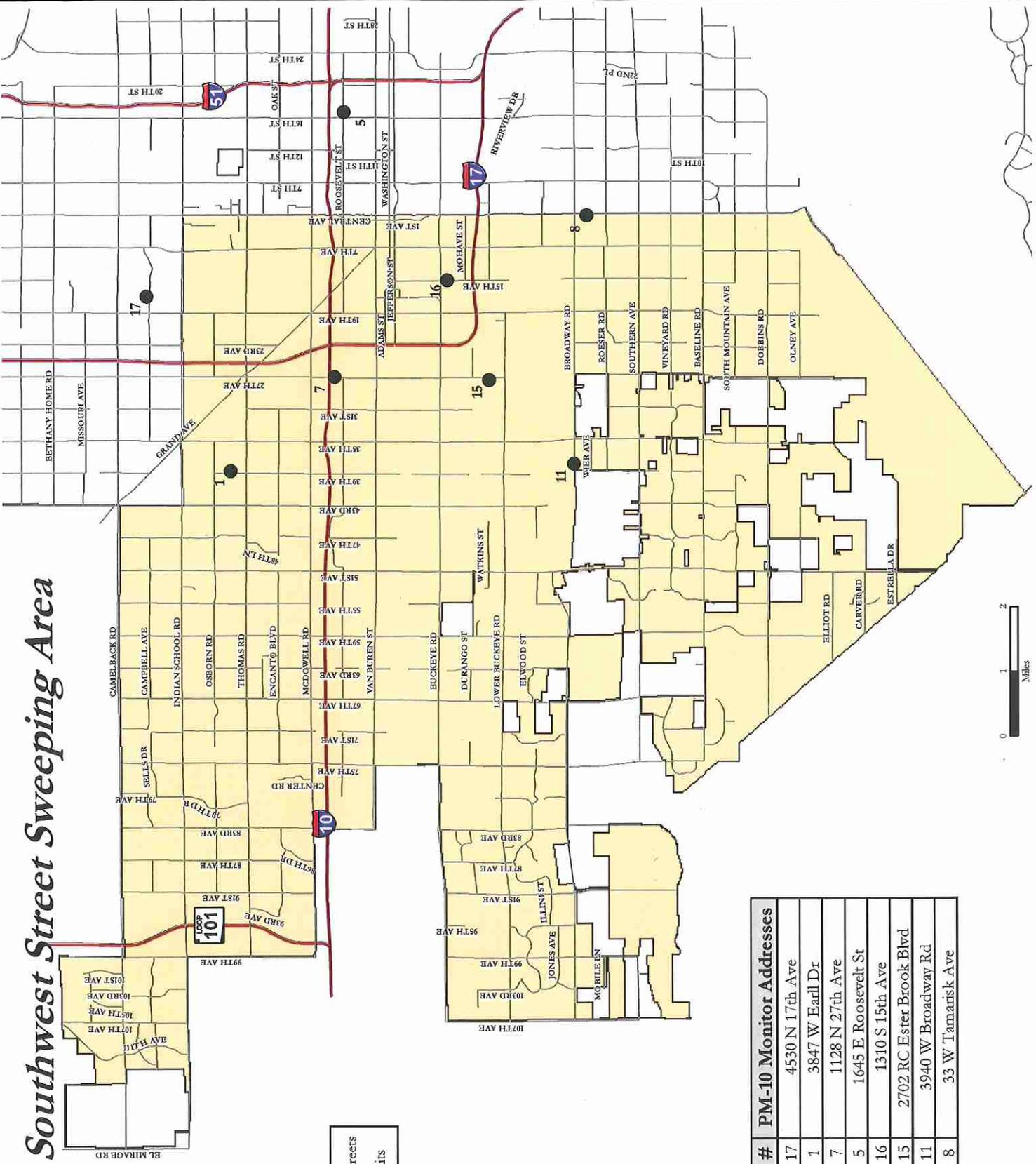
FOR:	City of Phoenix		DATE: 09/10/2012	
	MAG Broom Bear Quote		QUOTATION#2072	
ATTN:	Roger Fyffe			
Fax		roger.fyffe@phoenix.gov		
QUANTITY		T	UNIT PRICE	AMOUNT
1 Each	Elgin Broom Bear Street Sweeper			188,531.00
	OPTIONAL ITEMS			
2 Each	Air Ride Seats			1,588.00
	Slow Moving Vehicle Emblem			84.00
	Main Broom Odometer			320.00
	25' Water Hose			330.00
	RH Gutter Broom Tilt			872.00
	LH Gutter Broom Tilt			872.00
	Hopper Mounted Strobe With Guard			830.00
	PM10 Compliant			2,168.00
	Reverse Gutter Broom			1,512.00
	Master Battery Shutoff			700.00
	LH Fender Mirror			200
	AM/FM Stereo			250
	Safety Check Bolts			92
	2 Spare Tires/Wheels			1400
	James King Reflector Kit			224
	5LB. Fire Extinguisher			30
	Brigade Electronic Back Up Alarm			310
	NOTE: Quote Is Good Through May 2013			

SUBTOTAL	\$ 200,313.00
TAX RATE	9.3%
SALES TAX	18,629.11
OTHER	
TOTAL	\$ 218,942.11

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

THANK YOU FOR YOUR BUSINESS!

Southwest Street Sweeping Area



#	PM-10 Monitor Addresses
17	4530 N 17th Ave
1	3847 W Earl 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 Tamanisk Ave