

**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:**

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

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)	Tempe
2. Name:	Jimmy Thornton
3. Phone:	480-350-8707
4. E-Mail:	james_thornton@tempe.gov
5. Mailing Address:	945 W. Rio Salado Pkwy Tempe AZ 85281

**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 see attached price summary.		
7. Funding Information	<b>Amount</b>		
(a) Total Cost of Sweeper	<b>\$216,305</b>		
(b) Total Cost Eligible for Reimbursement ( See Attachment 1 for list of Rule 1186 Sweepers)	<b>\$216,305</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>\$203,976</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>\$12,329</b>	<b>Local</b>	<b>5.70%</b>

9. Project Funding Based on Information from #7 & #8	Federal Share = 8a	Local Share = 7c + 8b	Total Cost of Sweeper
	\$203,976	\$12,329	\$216,305

**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) (b) Lane miles to be swept per cycle (c) Average weekday traffic per lane being swept (d) If values were entered in the "Other" column, please specify what "Other" means:	Arterial Street	Collector Street	Residential Street	Other
	7	30	30	
	111	73	125	
	7,462	3636	500	

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:  If values were entered in the "Other" column, please specify what "Other" means:	Arterial Street	Collector Street	Residential Street	Other

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

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	8,780
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	Feb-05
(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	35 percent
(d) Please explain why the older sweeper was out of service.	Maintenance required more often due to vehicles age.

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. <a href="#">Link to MAG webpage for PM-10 Map</a>	Yes PM-10 monitors #9 275 S Ellis Dr. Chandler, #2 310 S Brook Rd Mesa, #15 1515 S College Ave Tempe
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**Part D - SUPPLEMENTAL INFORMATION:**

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).	no	
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).	Ray Rd to Continental Dr; Evergreen Dr to Priest Dr	
18. Provide a map of the area to be swept by the proposed sweeper.	(See attachment "B")	
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: (b) Noncertified:	6 0	
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)	yes	

**PART E - SIGNATURE PAGE**

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

Signature:

Jimmy Thornton

Transportation Maintenance Supervisor

08/28/2012

**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	No	
Part B - Fields 6-9 are complete	No	
Part C - Fields 10-14 are complete	No	
Part D - Fields 15-21 are complete	No	

## TRANSMITTAL INSTRUCTIONS and SCHEDULE

The due date and time for project applications to be submitted to MAG is Wednesday,

### 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: [dgiles@azmag.gov](mailto:dgiles@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 Wednesday September 19, 2012 at 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](mailto:tkennedy@azmag.gov) or 602.254.6300 by Thursday September 19th @ 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 Wednesday, September 26, 2012.

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

Monday, August 13, 2012 from 9:00-11:00 AM	Workshop on MAG Transportation Programming and Federal Fund Project Applications
Monday, August 27, 2012 from 1:00-3:30 PM	Open Working Group - Federal Fund Project Applications
Monday, August 27, 2012 from 8:30-11:00 AM	Open Working Group - Federal Fund Project Applications

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\* All meetings will be held on the 2nd Floor of the MAG Offices at 302 North 1st Ave, Suite 300, Phoenix, Arizona 85003

## **ATTACHMENT 2**

### **EXAMPLES OF ADDITIONAL STREET SWEEPER EQUIPMENT NOT ELIGIBLE FOR REIMBURSEMENT**

1. Automatic lubrication system (grease jockey system)
2. Camera/monitor
3. Hopper access step
4. Drag shoe carbide
5. Hydrant hopper wash down system
6. Conveyer flush kit with hydrant
7. 1000 pounds per square inch (PSI) wand
8. Dual HiBack air-suspended seats
9. Hand hose

"Attachment A"

# H&E EQUIPMENT SERVICES®

6/6/11

## INVOICE

#060611CC1

Sold to-  
City of Tempe  
53 S. Priest Dr. #D  
Tempe, AZ. 85281

#114

Requisition # 221076  
Rec'd (OK to Pay) [Signature]  
Supervisor [Signature]  
Date 6-30-11

Ship to-  
Same

1-New Tymco 500x sweeper  
International Truck  
Five year Allison transmission warranty  
Truck VIN 1HTJTSKN9CJ551450  
Sweeper serial #201105SNE59001BAH

Sweeper warranty standard one year parts only  
International truck warranty three year parts and labor

Invoice subtotal	\$197,900.00
Tax 9.3%	\$18,404.70
Invoice total	\$216,304.70

Terms-  
Net due on delivery  
Please remit to H&E Equipment Services 4010 S. 22<sup>nd</sup>. St. Phoenix, AZ. 85040  
Please remit to- (Wire)  
Bank of America  
1950 N. Stemmons Fairway #5010  
Lock Box 849850  
Dallas, TX. 75202  
Tax ID 81-0553291  
For credit to: H&E Equipment Services, Inc.  
Account # 3752208209  
Routing #  
ACH 111000012  
Wire ABA 0260-0959-3  
Swift code BOFAUS3N

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Office: (602) 232-0600 • Toll Free: (800) 428-3020  
Fax: (602) 232-0620  
www.HE-equipment.com

**Life Cycle Costing**  
Return this Section with your Response

Assumptions:

- 8 year replacement cycle
- Usage of 30 hours per week
- Fuel cost to be \$3.00 per gallon

Should repair costs or scheduled maintenance costs exceed the guaranteed amounts, the vendor will be billed for any differences.

The City reserves the right to utilize or reject the guaranteed buy back option.

1	Outright Purchase Price		\$ 197,900.00 (EA) PLUS TAX
2	Estimated Fuel Cost	+	\$
3	Guaranteed Repair Expenses	+	\$
4	Guaranteed Scheduled Maintenance Costs	+	\$
5	Guaranteed Resale Value	-	\$
6	Life Cycle Cost	=	\$ PLEASE SEE OPTIONS PAGE.

ONE HUNDRED NINETY SEVEN THOUSAND NINE HUNDRED <sup>00</sup>/100

# H&B EQUIPMENT SERVICES®

3/09/2011

City of Tempe  
RFP#11-144

## Exceptions and Options Page

### Exceptions-

#### Page 36 Life Cycle costing

We at H&B Equipment feel like this can change from sweeper to sweeper due to a lot of outside inputs.

Such as operator driving habits, level of care the sweeper receives, cleaning and maintenance.

We also feel like there is enough information from existing Tymco sweepers in the marketplace to establish a baseline to start with.

We are including a reference list for you to call.

### Options included in bid price

Five year Allison transmission warranty

Two people from City of Tempe to attend the two day Tymco training class. This class is held at the Tymco factory in Waco Texas.

High output water system

### Options-Over and above bid spec

Auxiliary Hand Hose	\$2,000.00
Cat 290 water pump	\$900.00
Gutter broom drop down	\$875.00
Hi/Low wash down	\$1,100.00
Pick up head curtain lifter	\$1,500.00
Rear Camera	\$1,400.00

Tymco 600 option <12,000.00> delete

Tymco DST6 option \$53,900.00

Tymco HSP option <5,000.00> delete

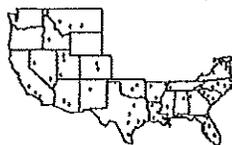
Tymco 210 option <122,900.00> delete

Note. See dealer for truck and equipment options. (This is the base 210 price)

Tymco 435 option <95,000.00> delete

Note. See dealer for truck and equipment options. (This is the base 435 price)

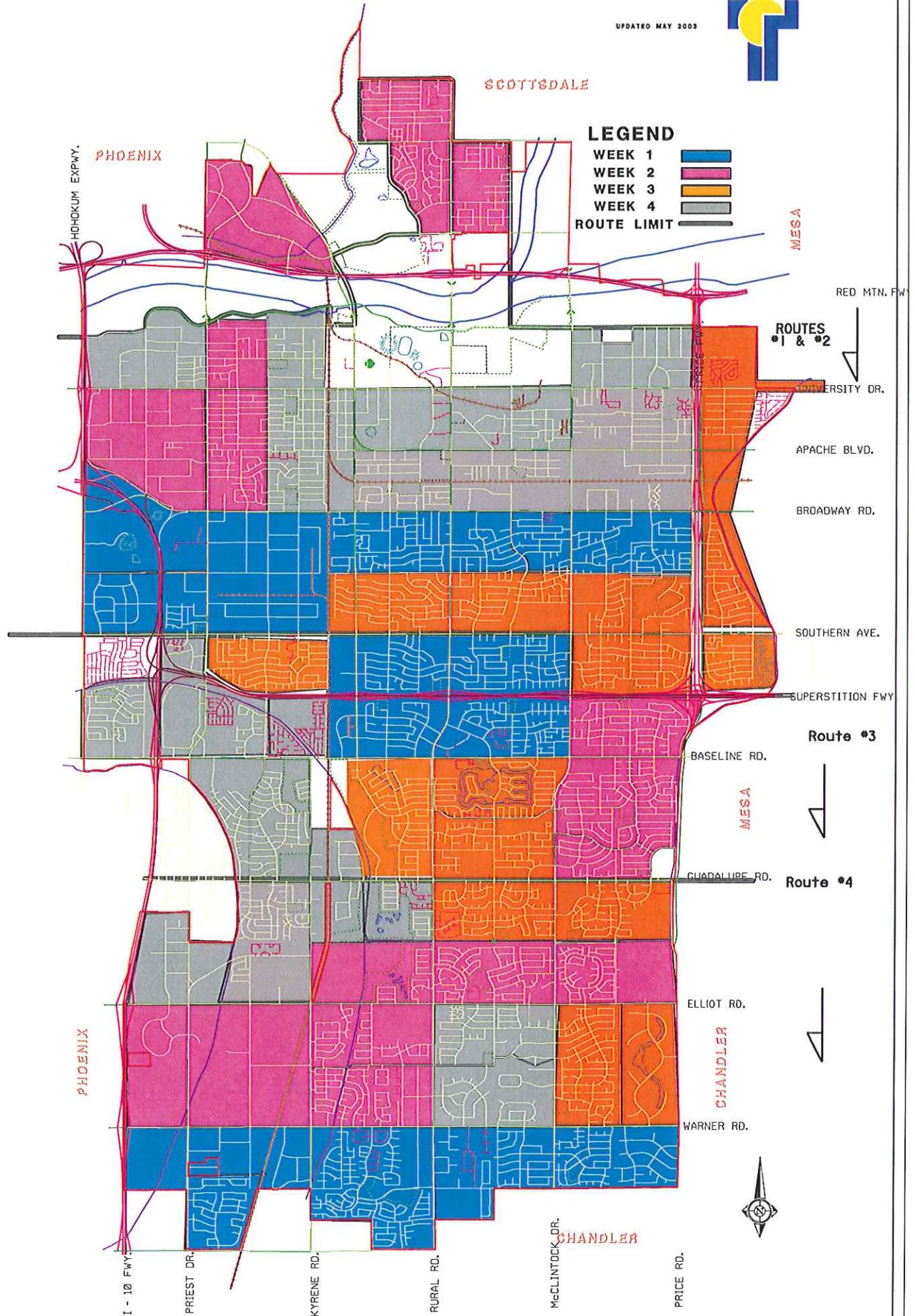
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www.HE-equipment.com

# CITY OF TEMPE SWEEPING SCHEDULE

UPDATED MAY 2003



## LEGEND

- WEEK 1
- WEEK 2
- WEEK 3
- WEEK 4
- ROUTE LIMIT

HOHOKUM EXPWY. PHOENIX

I - 10 FWY.

PRIEST DR.

KYRENE RD.

RURAL RD.

McCLINTOCK DR. CHANDLER

PRICE RD.

SCOTTSDALE

MESA

RED MTN. FWY

ROUTES #1 & #2

UNIVERSITY DR.

APACHE BLVD.

BROADWAY RD.

SOUTHERN AVE.

SUPERSTITION FWY

Route #3

BASELINE RD.

MESA

GUADALUPE RD.

Route #4

ELLIOT RD.

CHANDLER

WARNER RD.

