

**MESA APPLICATION #1.****REPLACEMENT OF UNIT #96.****PM-10 CERTIFIED STREET SWEEPER APPLICATION  
CMAQ Funding Available for Federal Fiscal Year 2014****Maricopa Association of Governments:**

On behalf of the City of Mesa, I submit this application form requesting a total of **\$256,331.06** of federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for PM-10 certified street sweepers. This request is for FY 2014 CMAQ funds.

This application form includes complete information addressing the following 6 sections: Part A - Contact Information, Part B - Cost and Funding Information, Part C - Methodology, Part D - Supplemental Information, Part E - Signature, and Part F - Checklist. Attached are two exhibits (pdf documents): Exhibit 1 - Quotes (dated October 31, 2013) and Exhibit 2 - Sweeper Routes Map

**Deadlines and Transmittal Acknowledgement:**

The City of Mesa has printed and signed the attached application and transmits it via e-mail to [tennedey@azmag.gov](mailto:tennedey@azmag.gov). I have mailed the original printed application, and have done this before the deadline of Friday, November 22, 2013 by 10:00 a.m.



Maria Angelica Deeb, P.E., M.S., M.E.P, MPA.

Transportation Program Manager

City of Mesa Transportation Department

(480) 644-2845; [Maria.Deeb@mesaaz.gov](mailto:Maria.Deeb@mesaaz.gov)

**PM-10 CERTIFIED STREET SWEEPER APPLICATION  
CMAQ Funding Available for Federal Fiscal Year 2014**

**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. Available funding region wide is estimated at \$900,000 in FY 2014 CMAQ.

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Two copies of a printed, complete and signed application must be received in the MAG offices by **10:00 a.m. Friday, November 22, 2013.** The application is also to be submitted electronically. Detailed transmittal instructions are located in the excel tab - Transmittal Inst. and Schedule.

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)	Mesa
2. Name:	Maria Angelica Deeb
3. Phone:	(480) 644-2845
4. E-Mail:	maria.deeb@mesaaz.gov
5. Mailing Address:	City of Mesa Transportation Department
	P.O. Box 1466
	Mesa, AZ. 85201

**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	Attached are quotes obtained from Balar Equipment (October 31, 2013).		
7. Funding Information	<b>Amount</b>		
(a) Total Cost of Sweeper	<b>\$280,393</b>		
(b) Total Cost Eligible for Reimbursement ( See the PDF file Rule 1186 Sweepers included in the e-mail transmittal)	<b>\$256,331</b>		
(c) <u>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 )</u>	<b>\$24,062</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>\$241,720</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>\$14,611</b>	<b>Local</b>	<b>5.70%</b>

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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>\$241,720</b>	<b>\$38,673</b>	<b>\$280,393</b>

**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 ( <b>The older certified sweeper being replaced should be at least 8 years old</b> )	Yes			
11. For the requested sweeper, please provide the information for roadway types in the table below for:	<b>Arterial Street</b>	<b>Collector Street</b>	<b>Residential Street</b>	<b>Other</b>
(a) Sweeping cycle length (measured in days between sweepings)			30	
(b) Lane miles to be swept per cycle			1968	
(c) Average weekday traffic per lane being swept				
(d) If values were entered in the "Other" column, please specify what "Other" means:				
12. If <b>"expand service area" was "yes" in question #10</b> , please provide the following information for the roadway types in the table below:	<b>Arterial Street</b>	<b>Collector Street</b>	<b>Residential Street</b>	<b>Other</b>
- 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 <b>"increase sweeping frequency" was "yes" in question #10</b> , please provide the following information for the roadway types in the table below:	<b>Arterial Street</b>	<b>Collector Street</b>	<b>Residential Street</b>	<b>Other</b>
- Previous cycle length (measured in days between sweepings):				

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If values were entered in the "Other" column, please specify what "Other" means:		
14. If <b>"replace an older PM-10 certified street sweeper"</b> was <b>"yes"</b> in question #10, please provide information in the following (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) (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 (d) Please explain why the older sweeper was out of service.		
	Dec-06	
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, monitor #15	
<b>Part D - SUPPLEMENTAL INFORMATION:</b>		
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).	Price Rd. to Signal Butte Rd. and Baseline to Thomas	
18. Provide a map of the area to be swept by the proposed sweeper.	Attached is the sweeper route map - revised 09 2012	

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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)	<input type="checkbox"/> Yes
20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:	
(a) PM-10 certified:	7
(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: Scott J Butler

Title: Assistant to the City Manager - Government Relations

Date: November 20, 2013

**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

**BALAR EQUIPMENT**

11023 N. 22ND AVE.  
P.O. BOX 83118  
PHOENIX, AZ 85029

**QUOTATION**

Quote Number: 1013243  
Quote Date: Oct 31, 2013  
Page: 1

Voice: 602-944-1933  
Fax: 602-944-9687

**Quoted To:**

CITY OF MESA 230 Fleet support  
230 FLEET SUPPORT MAINT WEST  
PO BOX 16795  
MESA, AZ 85211-6795

Customer ID	Good Thru	Payment Terms	Sales Rep
MESA-6	11/30/13	Net 10 Days	JB

Quantity	Item	Description	Unit Price	Amount
1.00	SCH-M6 AVALANCHE	SCHWARZE M6000SE AVALANCHE SINGLE ENGINE STREET SWEEPER	232,808.00	232,808.00
1.00		*MAIN BROOM, TUBE, STANDARD		
1.00		*BROOM, TILT POWER DUAL		
1.00		* STROBE, REAR W/GUARD LED(STD) 1E		
1.00		*SQUEEGEE CONVEYOR		
1.00		*SINGLE ENGINE CHASIS- 1H 4400 33K DS 3500 '14 AIR RIDE		
			Subtotal	232,808.00
			Sales Tax	19,323.06
			Freight	4,200.00
			<b>TOTAL</b>	<b>256,331.06</b>

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P.O. BOX 83118  
PHOENIX, AZ 85029

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Quote Number: 1013245  
Quote Date: Oct 31, 2013  
Page: 1

Voice: 602-944-1933  
Fax: 602-944-9687

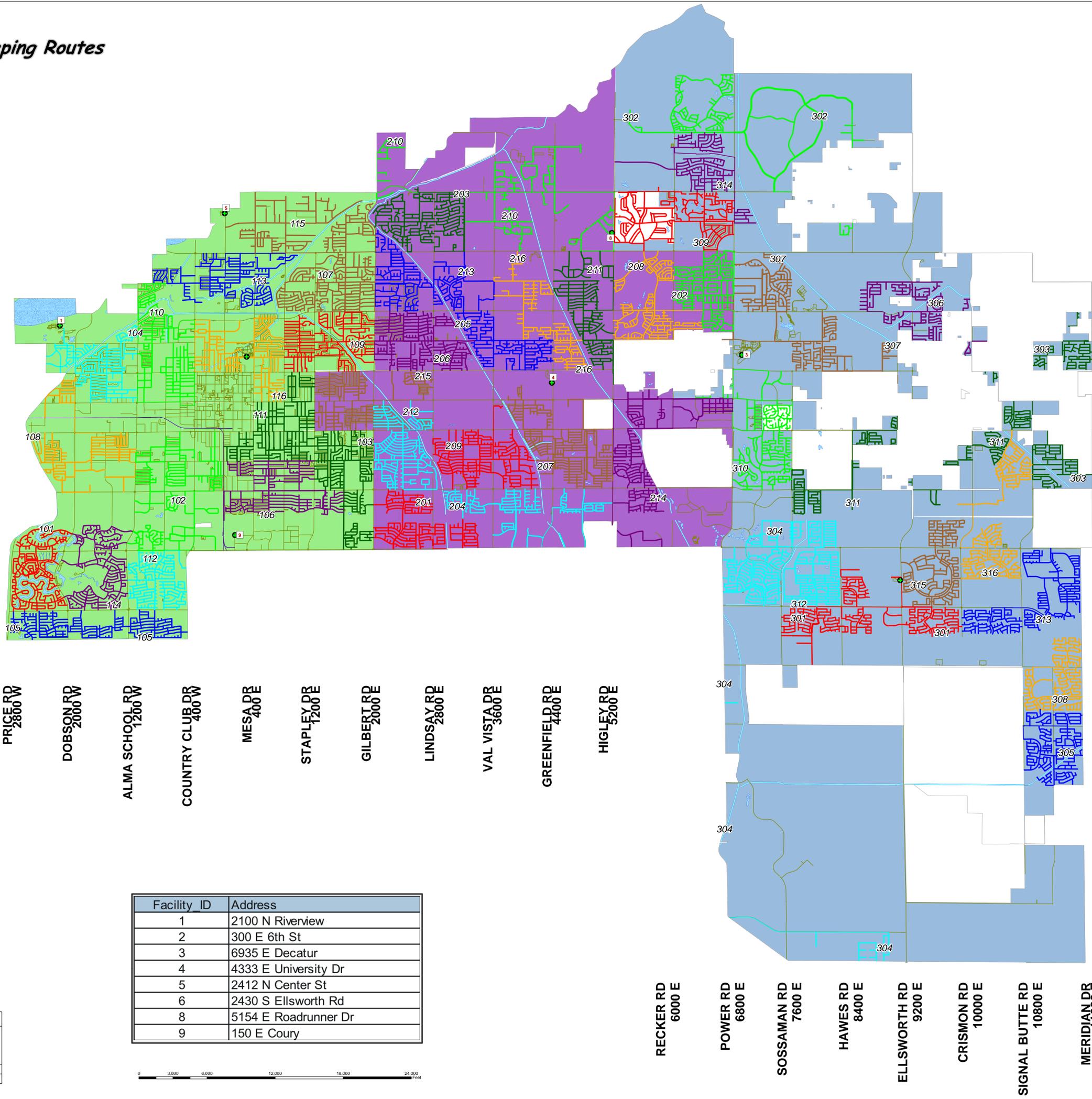
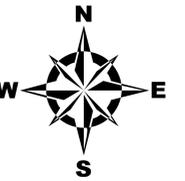
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			Subtotal	255,026.00
			Sales Tax	21,167.16
			Freight	4,200.00
			<b>TOTAL</b>	<b>280,393.16</b>

# In-House Sweeping Routes



- THOMAS RD  
3600 N
- MCDOWELL RD  
2800 N
- MCKELLIPS RD  
2000 N
- BROWN RD  
1200 N
- UNIVERSITY DR  
400 N
- MAIN ST  
0
- BROADWAY RD  
400 S
- SOUTHERN AVE  
1200 S
- BASELINE RD  
2000 S
- GUADALUPE RD  
2800 S
- ELLIOT RD  
3600 S
- WARNER RD  
4400 S
- RAY RD  
5200 S
- WILLIAMS FIELD RD  
6000 S
- PECOS RD  
6800 S
- GERMANN RD  
7200 S

- PRICE RD  
2800 W
- DOBSON RD  
2000 W
- ALMA SCHOOL RD  
1200 W
- COUNTRY CLUB DR  
400 W
- MESA DR  
400 E
- STAPLEY DR  
1200 E
- GILBERT RD  
2000 E
- LINDSAY RD  
2800 E
- VAL VISTA DR  
3600 E
- GREENFIELD RD  
4400 E
- HIGLEY RD  
5200 E
- RECKER RD  
6000 E
- POWER RD  
6800 E
- SOSSAMAN RD  
7600 E
- HAWES RD  
8400 E
- ELLSWORTH RD  
9200 E
- CRISMON RD  
10000 E
- SIGNAL BUTTE RD  
10800 E
- MERIDIAN DR  
11600 E

**Solid Waste**

**SW\_ZONES**

**ZONE**

- Wed - Sat
- Tues - Fri
- Mon - Thur

Facility ID	Address
1	2100 N Riverview
2	300 E 6th St
3	6935 E Decatur
4	4333 E University Dr
5	2412 N Center St
6	2430 S Ellsworth Rd
8	5154 E Roadrunner Dr
9	150 E Coury

