MESA APPLICATION #2. REPLACEMENT OF UNIT #97.
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 tennedy@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) 644-2945, 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.

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 the Transmittal Instructions and the Schedule, 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:
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
   (a) Total Cost of Sweeper
      Amount $280,393
   (b) Total Cost Eligible for Reimbursement (See the PDF file Rule 1186 Sweepers included in the e-mail transmittal)
      Amount $256,331
   (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)
      Amount $24,062

8. Reimbursement Information
   (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%
      Amount $241,720  
      Funding Type CMAQ  
      Share of Eligible Cost (See #7) 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%
      Amount $14,611  
      Funding Type Local  
      Share of Eligible Cost (See #7) 5.7%
**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.

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 the Transmittal Instructions and the Schedule, 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:**
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:
- dgi@azmag.gov
- tkennedy@azmag.gov
- state@azmag.gov

All information is required.

<table>
<thead>
<tr>
<th>9. Project Funding Based on Information from #7 &amp; #8</th>
<th>Federal Share = 8a</th>
<th>Local Share = 7c + 8b</th>
<th>Total Cost of Sweeper</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$241,720</td>
<td>$38,673</td>
<td>$280,393</td>
</tr>
</tbody>
</table>

**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: 30
- (b) Lane miles to be swept per cycle
  - Collector Street: 1968
- (c) Average weekday traffic per lane being swept
  - Residential Street: Other
- (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
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.

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 the Transmittal Instructions and the Schedule, 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:**
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:dgiles@azmag.gov)
- [mailto:tkennedy@azmag.gov](mailto:tkennedy@azmag.gov)
- [mailto:state@azmag.gov](mailto:state@azmag.gov)

<table>
<thead>
<tr>
<th>All information is required.</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>14. If &quot;replace an older PM-10 certified street sweeper&quot; was &quot;yes&quot; in question #10, please provide information in the following</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Number of hours in service of the sweeper that is being replaced</td>
</tr>
<tr>
<td>(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)</td>
</tr>
<tr>
<td>(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</td>
</tr>
<tr>
<td>(d) Please explain why the older sweeper was out of service.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes, monitor #15</td>
</tr>
</tbody>
</table>

**Part D - SUPPLEMENTAL INFORMATION:**

<table>
<thead>
<tr>
<th>16. Have local resources been committed for additional staff or equipment to support the PM-10 certified street sweeper? (Please select Yes or No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>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.).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price Rd. to Signal Butte Rd. and Baseline to Thomas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>18. Provide a map of the area to be swept by the proposed sweeper.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attached is the sweeper route map - revised 09 2012</td>
</tr>
</tbody>
</table>
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.

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 the Transmittal Instructions and the Schedule, 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:
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:djgiles@azmag.gov
mailto:tkennedy@azmag.gov
mailto:state@azmag.gov

All information is required.

<table>
<thead>
<tr>
<th>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)</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:</td>
<td></td>
</tr>
<tr>
<td>(a) PM-10 certified:</td>
<td>7</td>
</tr>
<tr>
<td>(b) Noncertified:</td>
<td>0</td>
</tr>
</tbody>
</table>

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: [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 |
**Quotation**

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

---

**Quoted To:**  
CITY OF MESA  
230 Fleet support  
230 FLEET SUPPORT MAINT WEST  
PO BOX 16796  
MESA, AZ 85211-6795

---

<table>
<thead>
<tr>
<th>Customer ID</th>
<th>Good Thru</th>
<th>Payment Terms</th>
<th>Sales Rep</th>
</tr>
</thead>
<tbody>
<tr>
<td>MESA-6</td>
<td>11/30/13</td>
<td>Net 10 Days</td>
<td>JB</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Item</th>
<th>Description</th>
<th>Unit Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>SCH-M6 AVALANCHE</td>
<td>SCHWARZE M6000SE AVALANCHE SINGLE ENGINE STREET SWEEPER</td>
<td>232,808.00</td>
<td>232,808.00</td>
</tr>
<tr>
<td>1.00</td>
<td>*MAIN BROOM, TUBE, STANDARD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>*BROOM, TILT POWER DUAL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>*STROBE, REAR W/GUARD LED( STD) 1E</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>*SQUEEGEE CONVEYOR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td>*SINGLE ENGINE CHASSIS- 1H 4400 33K DS 3500 ’14 AIR RIDE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

Subtotal: 232,808.00  
Sales Tax: 19,323.06  
Freight: 4,200.00  
TOTAL: 256,331.06
Quoted To:
CITY OF MESA  230 Fleet support
230 FLEET SUPPORT MAINT WEST
PO BOX 16795
MESA, AZ  85211-6795

<table>
<thead>
<tr>
<th>Customer ID</th>
<th>Good Thru</th>
<th>Payment Terms</th>
<th>Sales Rep</th>
</tr>
</thead>
<tbody>
<tr>
<td>MESA-6</td>
<td>11/30/13</td>
<td>Net 10 Days</td>
<td>JB</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Item</th>
<th>Description</th>
<th>Unit Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>SCH-M6 AVALANCHE</td>
<td>SCHWARZE M6 AVALANCHE TWIN ENGINE STREET SWEEPER</td>
<td>255,026.00</td>
<td>255,026.00</td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*MAIN BROOM, TUBE STANDARD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*BROOM, TILT POWER DUAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*STROBE, REAR W/GUARD LED(STD)1E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*SQUEEGEE CONVEYOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*HI PRESSURE WASHDOWN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*BRASS FRT. SPRAY BAR IN LIEU OF STD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*ADDITIONAL 350 GALLON WATER TANK</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*AUTOMATIC LUBE SYSTEM Vogel CHASSIS &amp; SWEEPER</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>REMOTE ELEVATOR CLEANOUT SWITCH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*CAMERA SYSTEM, SINGLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*AIR FILTER RESTRICTION IND IN-CAB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*WATER/FUEL SEPARATOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.00</td>
<td></td>
<td>*TWIN ENGINE CHASSIS-AUTOCAR EXPERT 33K 200HP 2500/65SPEEDTRAN) '13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Subtotal 255,026.00
Sales Tax 21,167.16
Freight 4,200.00

TOTAL 280,393.16