

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**  
**CMAQ Funding Available for Federal Fiscal Year 2018**

**All information in Parts A, B, C, D and E are required.**

**PART A - CONTACT INFORMATION**

**Contact Information**

1. Agency Name (Please select one)	Tempe
2. Name:	Adam Padilla
3. Phone:	480-350-8707
4. E-Mail:	adam_padilla@tempe.gov
5. Mailing Address:	945 W. Rio Salado Pkwy 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 attachment "A"		
7. Funding Information	<b>Amount</b>		
(a) Total Cost of Sweeper	<b>\$232,995</b>		
(b) Total Cost Eligible for Reimbursement ( See the Attachment 1 for Rule 1186 List of Eligible Sweepers)	<b>\$232,995</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>\$219,714</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>\$13,281</b>	<b>Local</b>	<b>5.70%</b>
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>\$219,714</b>	<b>\$13,281</b>	<b>\$232,995</b>

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**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
- (b) Expand service area
- (c) Increase sweeping frequency
- (d) Replace an older certified street sweeper

No
No
No
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	3,636	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

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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	4,786	Useful life standard: 12,000 hours	Low Hours reflect sweeper's prolong availability
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	Sep-09	Useful life standard: 8 years	Optional: Space for additional comments if needed.
(c) Number of miles (including deadhead miles) on the sweeper that is being replaced	33,254	Useful life standard: 96,000 miles	Optional: Space for additional comments if needed.
(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	40		
(e) Please explain why the older sweeper was out of service.	Repairs required more often due to mechanical breakdowns and sweeper performance		

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 for PM-10 Map](#)

Map ID #11 2857 N. Miller rd. Scottsdale, #12 275 S. Ellis Dr. Chandler, #13 310 S. Brook Rd. Mesa #18 15 S. College Ave. Tempe

**Part D - SUPPLEMENTAL INFORMATION:**

16. Have local resources been committed such as staff or equipment to support the operation of 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).	For Street Sweeping in Tempe we have 4 Operators with an total annual pay rate of \$212,000 . The Annual equipment Maintenance cost for 6 Sweepers is roughly \$39.57 per mile.	

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.

Please attach a PDF when submitting and transmitting application. If available, please submit a GIS shape showing swept area. Please 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	
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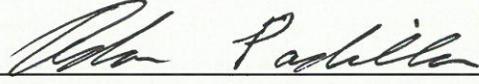
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20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:

(a) PM-10 certified:	6
(b) Noncertified:	

**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: Adam Padilla

Title: Public Works Supervisor-Heavy Equipment

Date: 09/22/2017

**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 10-15 are complete	Yes
Part D - Fields 16-20 are complete	Yes

ATTACHMENT

"A"



PHONE (480) 966-6094  
FAX (480) 894-5280

100 SOUTH PRICE ROAD  
TEMPE, ARIZONA 85281-3118  
E-MAIL: nesbittcon@aol.com



CONTRACTOR LICENSE NO'S:

ARIZONA	ROC 073204A
NEVADA	37535
NEW MEXICO	031975
UTAH	22-247644-5501
IDAHO	14332-AAA-4(47)

*Tony Allen*  
*City of Tempe*  
*Procurement Officer*

8/16/2016

**RE: Renewal of contract T13-029-01 - Street Sweeper**

*Tony,*

This letter is to notify the City of Tempe that we request a price increase for the contract renewal for the X-Broom Sweeper truck that was first bid in 2012. We have had substantial increases in the price of the Freightliner trucks and the cost of material and labor. Below is a breakdown of the increases associated with each component.

- |  |         |
|--|---------|
| 1. Freightliner truck: 2012 to 2017 truck model price increase | \$7,475 |
| 2. Hydraulic Components: 12% increase from 2012                | \$2,520 |
| 3. Labor & Burden: 15% increase                                | \$4,500 |

This amounts to an increase of \$14,495. The original contract was for \$218,500 plus options. This would put the total at \$232,995.

If you have any questions, please do not hesitate to call me at my office (480) 423-7603 or cell (602) 339-0783

*Sincerely,*

**John Nesbitt**  
**Arizona Pavement Profiling, VP.**

ATTACHMENT "A"

# Contract Modification Notice



City of Tempe • PO Box 5002 • 20 East 6th Street • Tempe, AZ 85280 • (480) 350-8324 • www.tempe.gov/procurement

Contract Number: T13-029-01

Issue Date: 8-25-2016

Arizona Pavement Profiling  
John Nesbitt  
100 S Priest Road  
Tempe

Effective Date: 10-22-2016

AZ 85281

Contract Description: Street Sweeper – Broom Type

This Contract modification is being issued to formally document a change related to the above referenced contract. It shall remain in effect through the current expiration date unless extended or canceled per terms and conditions of the above referenced contract.

Description	Price
Price increase – manufacturer increases on chassis, hydraulic components, and labor	\$14,495
This is the first increase since the inception of the contract in 2012	
New unit cost	\$232,995

## City of Tempe Contract Modification Acceptance

Tony Allen  
Tony Allen, CPPB  
Procurement Officer

8-25-16  
Date

Michael Greene  
Michael Greene, CPM, CPPO  
Procurement Administrator

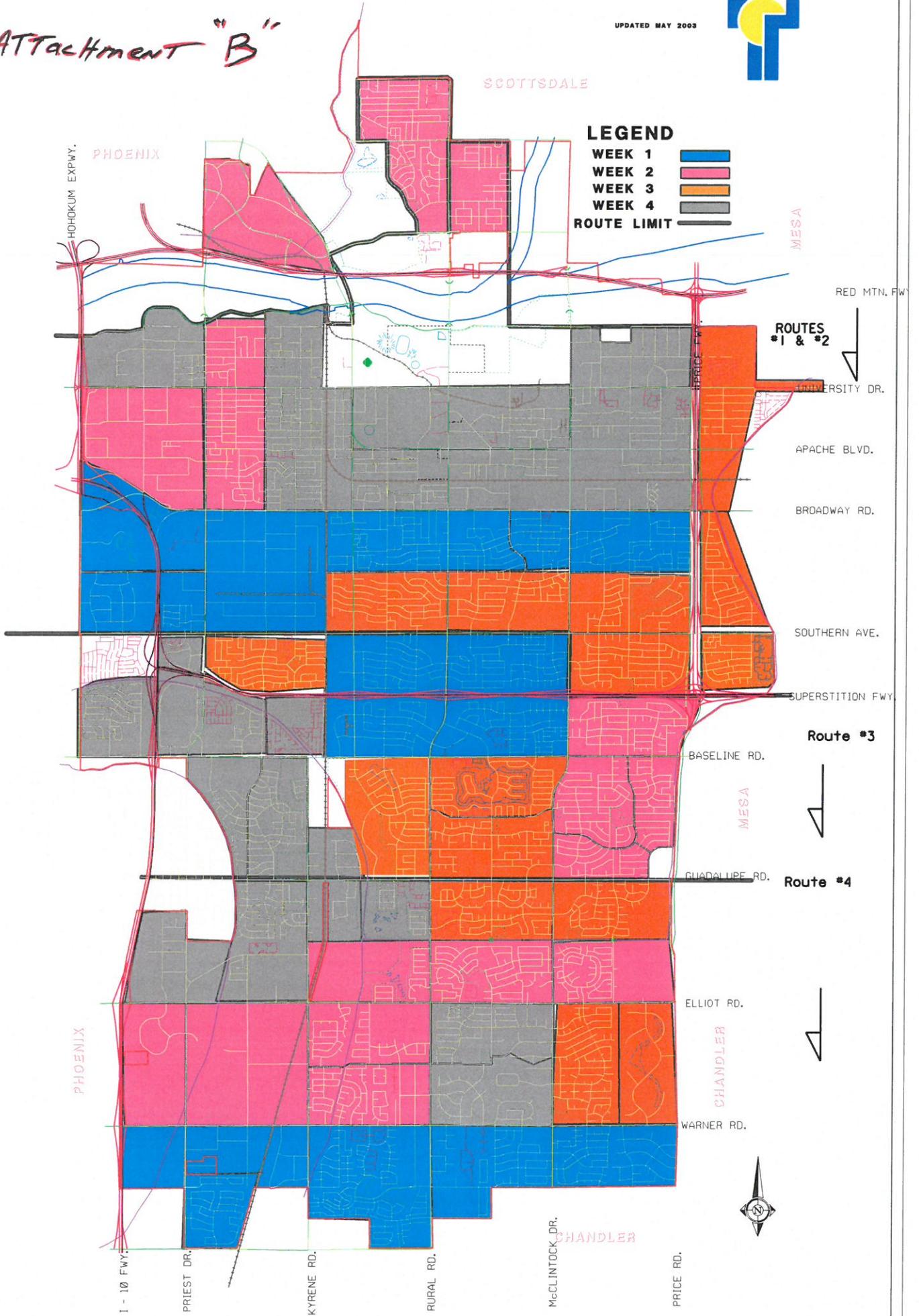
8-25-16  
Date

Please note your City of Tempe contract number as shown above. This number **must** appear on all receivers, invoices and statements. Payment will be made on a monthly basis following receipt of a monthly itemized statement. Monthly invoices must be segregated by City departments and mailed directly to each City customer department. Invoices **must** be mailed to the following address: City of Tempe, Requesting Department and Contact, P.O. Box 5002, Tempe, AZ. 85280. Statements **must** be mailed to: City of Tempe, **Accounting** PO Box 5002, Tempe, Arizona 85280.

# CITY OF TEMPE SWEEPING SCHEDULE

Attachment "B"

UPDATED MAY 2003





Tempe

Mython  
3000

1401