

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

**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. An estimated \$1,755,209 in FY 2018 CMAQ funding is available regionwide.

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 Attachment 1 - list of eligible street sweepers for CMAQ reimbursement, Attachment 2 - list of example equipment not eligible for CMAQ reimbursement, and Map - a map of the PM nonattainment areas and monitor locations. Alternative application forms are available upon request.

**TRANSMITTAL INSTRUCTIONS and SCHEDULE**

**Application Submittal Requirements**

All applications are due on Monday, September 25, 2017 by 10:00 a.m. Both an electronic and printed copy of the application and all attachments are required.

The electronic copy of the application includes the following:

- a. A completed Excel spreadsheet application in MS Excel format (Please do not send a PDF or Fax instead of the spreadsheet)
- b. A PDF or FAXed copy of the Excel spreadsheet with the signature block in Part E signed and dated
- c. A PDF or FAXed copy of all required attachments

The printed copy of the application includes the following:

- a. A printout of the completed Excel spreadsheet application, with the signature block in Part E signed and dated
- b. Printed copies of all required attachments

**MAG Mailing address**

Electronic applications should be sent to the following address:

[mailto: MAG Staff](mailto:MAG Staff)

Printed copies should be addressed as follows:

Maricopa Association of Governments  
 ATTN: Teri Kennedy,  
 302 N. 1st Avenue, Suite #300,  
 Phoenix, AZ 85003.

If a complete, signed electronic copy is received by the submittal deadline, applicants have five working days to submit a printed copy of the application.

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

| Date                        | Time           | Room      | Event  |
|-----------------------------|----------------|-----------|--|
| Monday, August 21, 2017     | 10:00 - Noon   | Saguaro   | Workshop on MAG Transportation Programming and Federal Fund Project Applications |
| Tuesday, September 12, 2017 | 10:00-11:00 AM | Chaparral | Open Working Group - Federal Fund Project Applications                           |
| Tuesday, September 19, 2017 | 11:00 - Noon   | Chaparral | Open Working Group - Federal Fund Project Applications                           |

\* All meetings are on the 2nd floor of the MAG Offices at 302 N. 1st Avenue, Phoenix, Az 85003

**MAG Contact Information**

| Contact Name | Phone        | E-Mail Address   |
|--------------|--------------|--|
| MAG Offices  | 602-254-6300 |  |
| Teri Kennedy | 602-254-6300 | <a href="mailto:TKennedy@azmag.gov">TKennedy@azmag.gov</a> |
| Dean Giles   | 602-254-6300 | <a href="mailto:DGiles@azmag.gov">DGiles@azmag.gov</a>     |
| Stephen Tate | 602-452-5010 | <a href="mailto:State@azmag.gov">State@azmag.gov</a>       |

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

**PART A - CONTACT INFORMATION**

**Contact Information**

|                                    |                           |
|------------------------------------|---------------------------|
| 1. Agency Name (Please select one) | Gilbert                   |
| 2. Name:                           | Kory Parker               |
| 3. Phone:                          | 480-503-6478              |
| 4. E-Mail:                         | kory.parker@gilbertaz.gov |
| 5. Mailing Address:                | 900 E. Juniper Ave.       |
|                                    | Gilbert, AZ 85234         |

**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. (See NJPA Quotation Tab in Document) |                              |  |
| 7. Funding Information<br>(a) Total Cost of Sweeper<br>(b) Total Cost Eligible for Reimbursement ( See the Attachment 1 for Rule 1186 List of Eligible Sweepers)  | <b>Amount</b>   |                              |  |
|   | <b>\$268,161</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<br>(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>Amount</b>   | <b>Funding Type</b>          | <b>Share of Eligible Cost (See #7)</b> |
|   | <b>\$252,876</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>\$15,285</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>\$252,876</b>  | <b>\$15,285</b>              | <b>\$268,161</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     | No  |
| (b) Expand service area                       | No  |
| (c) Increase sweeping frequency               | No  |
| (d) Replace an older certified street sweeper | Yes |

11. For the requested sweeper, please provide the information for roadway types in the table below for:

|  | Arterial Street | Collector Street | Residential Street | Other |
|--|-----------------|------------------|--------------------|-------|
| (a) Sweeping cycle length (measured in days between sweepings)                       | 15              | 15               | 30                 |       |
| (b) Lane miles to be swept per cycle   | 85              | 38               | 256                |       |
| (c) Average weekday traffic per lane being swept                                     | 5500            | 2500             | 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:

|  | Arterial Street | Collector Street | Residential Street | Other |
|--|-----------------|------------------|--------------------|-------|
| - 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 "increase sweeping frequency" was "yes" in question #10, please provide the following information for the roadway types in the table below:

|  | Arterial Street | Collector Street | Residential Street | Other |
|--|-----------------|------------------|--------------------|-------|
| - Previous cycle length (measured in days between sweepings):                    |                 |                  |                    |       |
| If values were entered in the "Other" column, please specify what "Other" means: |                 |                  |                    |       |

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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

9,845

Useful life standard: 12,000 hours

Optional: Space for additional comments if needed.

(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)

2/15/2008

**Exceeds**

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

75,381

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

6

(e) Please explain why the older sweeper was out of service.

For regular scheduled maintenance as well as unforeseen repairs.

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](#)

Yes, Monitor 14 (3391 E. Vest Ave)

**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).

One FTE is available for this street sweeper since it is a replacement sweeper. Maintenance is built into the annual budget.

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).

Germann to Hunt Hgwy, Lindsay to Power

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.

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

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**  
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20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:

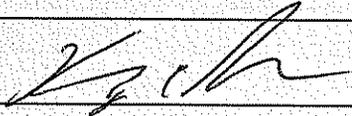
|                      |   |
|----------------------|---|
| (a) PM-10 certified: | 9 |
| (b) Noncertified:    | 0 |

**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: Kory Parker



Title: Streets Superintendent

Date: 9/25/2017

**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  |  |  |
| Part B - Fields 6-9 are complete   |  |  |
| Part C - Fields 10-15 are complete |  |  |
| Part D - Fields 16-20 are complete |  |  |



**NJPA QUOTATION  
TOWN OF GILBERT**

MODEL: BROOM BEAR  
EFFECTIVE DATE: 10/03/2016  
SUPERCEDES ALL PREVIOUS PRICE LISTS  
NJPA PRICE LIST (U.S. DOLLARS)  
REV # 09/01/2017

|                                   |           |
|-----------------------------------|-----------|
| Purchase Order #                  |           |
| Order Date:                       | 11/1/2017 |
| Delivery Date Requirement If Any: |           |

**900 E. JUNIPER AVE  
85234**

**GILBERT AZ**

|                   |
|-------------------|
| NORWOOD EQUIPMENT |
| 511 E MOHAVE      |
| PHOENIX AZ 85004  |
| 602-301-3866      |

| QUANTITY | PART NUMBER | MODEL DESCRIPTION  | 2017 NJPA PRICE | 2017 EXTENDED |
|----------|-------------|--|-----------------|---------------|
| 1        | 1113136     | <b>BROOM BEAR DUAL</b><br>Conveyor squeegee, variable height, right side dumping, 4.5 cu. yd. hopper, with dual, hydraulically driven, trailing arm sidebrooms, sweeper is powder coated from powder coatings chart 2003/N with powder coated gray undercarriage and including the standard features listed below. | \$145,375       | \$145,375.00  |

| CHASSIS |         |  |           |              |
|---------|---------|--|-----------|--------------|
| 1       | 1122061 | 2017 FL M2 (2013 EMISSIONS) W/HEATED MIRRORS (LIMITED QTY)   | \$107,890 | \$107,890.00 |
| 0       | 1122522 | 2017 IH 4400 (2015 EMISSIONS) W/HEATED MIRRORS (LIMITED QTY) |           | \$0.00       |

**CHASSIS MOUNTING CHARGE**

|   |              |                                       |                      |            |
|---|--------------|---------------------------------------|----------------------|------------|
| 1 | 1122083      | M2 - CHASSIS ALTERATIONS              | \$2,135              | \$2,135.00 |
| 0 | 1115832      | IH - CHASSIS ALTERATIONS              | \$2,135              | \$0.00     |
| 0 | SPECIAL      | CUSTOMER SUPPLIED CHASSIS ALTERATIONS | CONTACT INSIDE SALES | \$0.00     |
| 0 | CSC-HANDLING | CUSTOMER SUPPLIED HANDLING CHARGE     | \$2,845              | \$0.00     |

NOTE: Customer Supplied Cassis Requires Both The Chassis Alterations and the Handling Charge

NOTE: A BODY includes the cost of Elgin standard white finish paint. It does not however, include the price of the chassis.

NOTE: The chassis being supplied by a customer or dealer must comply completely with all Elgin requirements or the chassis will be modified at dealer's expense.

NOTE: For cost of sweeper mounted on any other chassis, consult factory.

NOTE: One year warranty on all Elgin supplied parts and labor. Consult your Elgin dealer for full warranty details.

**STANDARD FEATURES**

|   |         |                             |          |        |
|---|---------|-----------------------------|----------|--------|
| 1 | 0701681 | BROOM BEAR OPERATORS MANUAL | STANDARD | \$0.00 |
| 1 | 0702241 | BROOM BEAR PARTS BOOK       | STANDARD | \$0.00 |
| 1 | 0730166 | BROOM MEASUREMENT RULER     | STANDARD | \$0.00 |
| 1 | 1032481 | 16' 8" WATER FILL HOSE      | STANDARD | \$0.00 |
| 1 | 0701707 | MACHINE DELIVERY PACKET     | STANDARD | \$0.00 |
| 1 | 0702020 | ELGIN SAFETY MANUAL         | STANDARD | \$0.00 |

Broom side, 46 "steel vertical digger 4 or 5 segment  
Broom side, air floating suspension with adjustable pin stops, air deploy  
Broom, main, 34" diameter, 60" wide prefab disposable  
Camera, Rear with in-cab monitor  
Conveyor chain, hardened with polyurethane sprockets  
Conveyor, 11 flight squeegee with rubber edging  
Conveyor, lift independent from main broom  
Conveyor, three piece replaceable wear plates  
Conveyor flush out system  
Conveyor raise in reverse  
Conveyor stall alarm  
Dirt shoes, heavy duty single row carbide steel (rubber isolated)  
Electric backup alarm  
Hopper inspection door  
Hopper, 4.5 cu yd with window and skylight  
Hopper up indicator and beep  
Hopper, variable high dump, 9'6", 4.5 yard  
Hose, hydrant fill, 16'8" (5080 mm) with strainer and coupling  
Hydraulic oil level gauge w/ external thermometer and in-cab level light  
Hydraulic system, load sensing with selectable transmission driven PTO pump

Lights, automatic backup  
Lights, combination tail/stop, separate amber signal  
Lights, flood light, one per broom (3)  
Manuals, operator and parts  
Mechanical mainbroom suspension  
Rear broom cover and anti-carryover wrap  
Rear broom spray bar  
Rear right hand flood light  
Reflectors, set of 6  
Sidebroom speed control, external to cab  
Sweep resume / raise in reverse  
Tactile controls for all sweep functions  
Tool storage  
Water fill, anti-siphon  
Water level indicator in-cab  
Water Pump, electric diaphragm  
Water tank, molded polyethylene,  
360 gallon total nominal capacity



MODEL: BROOM BEAR  
 EFFECTIVE DATE: 10/03/2016  
 SUPERCEDES ALL PREVIOUS PRICE LISTS  
 NJPA PRICE LIST (U.S. DOLLARS)  
 REV # 09/01/2017

| QUANTITY                     | PART NUMBER | MODEL DESCRIPTION   | 2017 NJPA PRICE | 2017 EXTENDED |
|------------------------------|-------------|---|-----------------|---------------|
| -----ALARMS/INDICATORS-----  |             |   |                 |               |
| 0                            | SPECIAL     | ECCO SA940 SMART ALARM (ILO of STD)   | \$275.00        | \$0.00        |
| 0                            | 1101528     | LATCHING ELEVATOR REVERSE AND ALARM   | \$390.00        | \$0.00        |
| 0                            | 1104970     | HOPPER UP CONSTANT ALARM  | \$360.00        | \$0.00        |
| 0                            | 1104705     | HOPPER FULL INDICATOR   | \$780.00        | \$0.00        |
| -----AUTO LUBE-----          |             |   |                 |               |
| 0                            | 1101559     | MIDWEST AUTO LUBE - SWEEPER ONLY  | \$4,885.00      | \$0.00        |
| -----ADDITIONAL MANUALS----- |             |   |                 |               |
| 1                            | 0701681     | BROOM BEAR OPERATORS MANUAL   | \$55.00         | \$55.00       |
| 1                            | 0702461     | BROOM BEAR SERVICE MANUAL   | \$95.00         | \$95.00       |
| 0                            | 0702241     | BROOM BEAR PARTS BOOK   | \$100.00        | \$0.00        |
| -----BROOMS-----             |             |   |                 |               |
| 0                            | 1035616     | DOUBLE WRAP MAINBROOM   | \$450.00        | \$0.00        |
| 0                            | 1035617     | POLY/WIRE WAFER MAINBROOM   | \$525.00        | \$0.00        |
| 0                            | 1035621     | (1) ALUMINUM SIDEBROOM SEGMENT PER SIDE   | \$510.00        | \$0.00        |
| 0                            | 1058156     | STRIP MAINBROOM (MILWAUKEE)   | \$635.00        | \$0.00        |
| 0                            | 1058158     | STRIP MAINBROOM (URB)   | \$350.00        | \$0.00        |
| 0                            | 1077151     | URB STRIP MAINBROOM W/CENTER SWEEP MANDREL  | \$350.00        | \$0.00        |
| 0                            | 1095046     | ALUMINUM SIDEBROOM SEGMENTS - BLUE STEEL  | \$325.00        | \$0.00        |
| 0                            | 1096691     | DUCT MAIN BROOM & CORE  | -\$435.00       | \$0.00        |
| 0                            | 1115524     | HYDRAULIC FLOAT MAINBROOM SUSPENSION  | N/C             | \$0.00        |
| 0                            | 1116748     | HYDRAULIC SIDEBROOM WITH HYDRAULIC MAINBROOM SUSPENSION (MUST SELECT HYDRAULIC MAINBROOM SUSPENSION OPTION) | N/C             | \$0.00        |
| 0                            | 1115679     | IN CAB HYDRAULIC FLOAT SIDEBROOMS (NOT COMPATIBLE WITH HYDRAULIC MAINBROOM SUSPENSION)                      | N/C             | \$0.00        |
| -----DECALS-----             |             |   |                 |               |
| 1                            | 1102781     | RED DECALS - BROOM BEAR   | N/C             | \$0.00        |
| 0                            | 1102782     | WHITE DECALS - BROOM BEAR   | N/C             | \$0.00        |
| 1                            | 1101037     | SLOW MOVING VEHICLE SIGN  | \$155.00        | \$155.00      |
| 0                            | 1122929     | SHIP DECALS AND SWOOSH LOOSE IN HOPPER  | N/C             | \$0.00        |
| -----GAUGES-----             |             |   |                 |               |
| 0                            | 1101379     | BROOM HOUR METERS   | \$375.00        | \$0.00        |
| 1                            | 1111656     | HYDRAULIC OIL TEMP DISPLAY (IN CAB)   | \$300.00        | \$300.00      |
| 0                            | SPECIAL     | HYDRAULIC OIL HIGH TEMPERATURE, LOW LEVEL PTO OFF WITH DISPLAY  | \$515.00        | \$0.00        |
| -----HOPPER-----             |             |   |                 |               |
| 1                            | SPECIAL     | HOPPER INTERIOR LIGHT   | \$881.00        | \$881.00      |
| 0                            | 1104503     | LIFELINER HOPPER SYSTEM W/WARRANTY  | \$4,550.00      | \$0.00        |
| 0                            | 1101951     | STAINLESS STEEL HOPPER  | \$9,095.00      | \$0.00        |
| 0                            | 1115491     | EXTENDED HOPPER DOOR  | \$990.00        | \$0.00        |
| -----LIGHTS-----             |             |   |                 |               |
| 0                            | 1103553     | PACKAGE 1:<br>SINGLE REAR/SINGLE HOPPER BEACON; LED WITH GUARD  | \$1,950.00      | \$0.00        |
| 0                            | 1103533     | PACKAGE 2:<br>DUAL REAR/SINGLE HOPPER BEACON; LED WITH GUARD  | \$2,665.00      | \$0.00        |
| 0                            | 1103536     | PACKAGE 3:<br>DUAL REAR/SINGLE HOPPER BEACON;<br>LED WITH GUARD & LED ARROWSTICK                            | \$4,105.00      | \$0.00        |
| 0                            | 1104618     | PACKAGE 4:<br>SINGLE REAR/SINGLE HOPPER MOUNT AND GUARD - W/O BEACONS                                       | \$1,590.00      | \$0.00        |
| 0                            | 1104619     | PACKAGE 5:<br>DUAL REAR/SINGLE HOPPER MOUNT AND GUARD - W/O BEACONS   | \$1,975.00      | \$0.00        |
| 1                            | 1102735     | LED STOP/TAI/TURN/REAR ID/CLEARANCE LIGHTS  | \$345.00        | \$345.00      |
| 0                            | 1102759     | REAR MOUNTED LED ARROWSTICK   | \$1,720.00      | \$0.00        |
| 0                            | 1102736     | (2) REAR LOW MOUNTED OVAL AMBER LED FLASHERS  | \$460.00        | \$0.00        |
| 0                            | 1103898     | (2) REAR HIGH MOUNTED OVAL AMBER LED FLASHERS   | \$570.00        | \$0.00        |
| 0                            | 1114836     | (3) LED WORK LIGHTS (1 EACH SIDE BROOM, 1 ON MAINBROOM)   | \$500.00        | \$0.00        |
| 0                            | 1114837     | (4) LED WORK LIGHTS (1 EACH SIDE BROOM, 2 ON MAINBROOM)   | \$805.00        | \$0.00        |
| 0                            | 1104481     | ARROWBOARD - REAR   | \$2,040.00      | \$0.00        |



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 NJPA PRICE LIST (U.S. DOLLARS)

REV # 09/01/2017

| QUANTITY                  | PART NUMBER | MODEL DESCRIPTION  | 2017 NJPA PRICE | 2017 EXTENDED |
|---------------------------|-------------|--|-----------------|---------------|
| -----PAINT-----           |             |  |                 |               |
| 1                         | 4810001     | PAINT SWEEPER STANDARD WHITE   | N/C             | \$0.00        |
| 0                         | 4811003     | PAINT SWEEPER YELLOW RAL 1003  | \$515.00        | \$0.00        |
| 0                         | 4811007     | PAINT SWEEPER YELLOW RAL 1007  | \$515.00        | \$0.00        |
| 0                         | 4811018     | PAINT SWEEPER YELLOW RAL 1018  | \$515.00        | \$0.00        |
| 0                         | 4811023     | PAINT SWEEPER YELLOW RAL 1023  | \$515.00        | \$0.00        |
| 0                         | 4811037     | PAINT SWEEPER YELLOW RAL 1037  | \$515.00        | \$0.00        |
| 0                         | 4812008     | PAINT SWEEPER ORANGE RAL 2008  | \$515.00        | \$0.00        |
| 0                         | 4812009     | PAINT SWEEPER ORANGE RAL 2009  | \$515.00        | \$0.00        |
| 0                         | 4816018     | PAINT SWEEPER GREEN RAL 6018   | \$515.00        | \$0.00        |
| 0                         | SPECIAL     | PAINT SWEEPER OTHER RAL THAN ABOVE   | \$1,265.00      | \$0.00        |
| 0                         | SPECIAL     | PAINT SWEEPER OTHER THAN ABOVE   | \$3,830.00      | \$0.00        |
| 0                         | 1069927     | ANTI GRAFFITI COATING  | \$3,800.00      | \$0.00        |
| -----PM10 OPTIONS-----    |             |  |                 |               |
| 1                         | 1115481     | PM10 COMPLIANT (RULE 1186)   | \$3,095.00      | \$3,095.00    |
| -----SAFETY-----          |             |  |                 |               |
| 0                         | 1104991     | REMOVE REAR CAMERA   | N/C             | \$0.00        |
| 0                         | 1095548     | LEFT HAND SIDE CAMERA  | \$585.00        | \$0.00        |
| 0                         | 9306848     | TRIANGLE REFLECTIVE FLARES (3)   | \$80.00         | \$0.00        |
| -----SWEEPER OPTIONS----- |             |  |                 |               |
| 0                         | 1100660     | LEFT HAND SIDEROOM TILT  | \$960.00        | \$0.00        |
| 0                         | 1100656     | RIGHT HAND SIDEROOM TILT   | \$960.00        | \$0.00        |
| 1                         | 1117071     | LEFT HAND SIDEROOM TILT W/INDICATOR  | \$1,020.00      | \$1,020.00    |
| 1                         | 1117070     | RIGHT HAND SIDEROOM TILT W/INDICATOR   | \$1,020.00      | \$1,020.00    |
| 1                         | 1101385     | RUBBER MOUNTED CARBIDE DRAG SHOES TWO-ROW (ILO STD)                                      | \$775.00        | \$775.00      |
| 0                         | 1102732     | RUBBER DRAG-SHOES (ILO STD)  | \$120.00        | \$0.00        |
| 0                         | 1104238     | BORON DRAG-SHOES (ILO STD)   | \$130.00        | \$0.00        |
| 0                         | 1104997     | IN-CAB VARIABLE SPEED AND REVERSING BROOM CONTROL<br>(ONLY COMPATIBLE WITH PM-10 OPTION) | \$2,020.00      | \$0.00        |
| 0                         | 1104990     | VARIABLE SPEED CONVEYOR  | \$1,870.00      | \$0.00        |
| 0                         | 1122873     | VARIABLE SPEED CONVEYOR & IN CAB VARIABLE SPEED & REVERSE CONTROL<br>SIDEROOMS           | \$3,890.00      | \$0.00        |
| 0                         | 1106049     | HEAVY DUTY LOWER ROLLER  | \$1,010.00      | \$0.00        |
| 0                         | 1114619     | RUBBER BELT CONVEYOR (ILO STANDARD SQUEEGEE)   | \$0             | \$0.00        |
| 0                         | 1120535     | CONVEYOR ONLY ROTATE FOR WASHDOWN  | \$470.00        | \$0.00        |
| -----TOOLS/TOOLBOXES----- |             |  |                 |               |
| 0                         | 1053426     | TOOL KIT   | \$745.00        | \$0.00        |
| 0                         | 1057687     | TOOL BOX W/TOOLS   | \$720.00        | \$0.00        |
| -----WATER SYSTEM-----    |             |  |                 |               |
| 0                         | 1032484     | 25' WATER FILL HOSE (ILO 16' 8")   | \$195.00        | \$0.00        |
| 0                         | 1108830     | AIR PURGE FOR WATER SYSTEM   | \$380.00        | \$0.00        |
| 1                         | 1108053     | WIDE FRONT SPRAY BAR   | \$1,081.00      | \$1,081.00    |
| 0                         | 1113859     | WATER SIDEROOM FUNCTION CONTROL (ILO MANUAL)<br>(USE WITHOUT EXTENDED SIDEROOM REACH)    | \$495.00        | \$0.00        |
| 0                         | 1121603     | WATER SIDEROOM FUNCTION CONTROL (ILO MANUAL)<br>(USE WITH EXTENDED SIDEROOM REACH)       | \$495.00        | \$0.00        |



MODEL: BROOM BEAR  
 EFFECTIVE DATE: 10/03/2016  
 SUPERCEDES ALL PREVIOUS PRICE LISTS  
 NJPA PRICE LIST (U.S. DOLLARS)  
 REV # 09/01/2017

| QUANTITY                  | PART NUMBER | MODEL DESCRIPTION  | 2017 NJPA PRICE | 2017 EXTENDED |
|---------------------------|-------------|--|-----------------|---------------|
| ---M2 CHASSIS OPTIONS---- |             |  |                 |               |
| 0                         | 704005      | M2 PARTS BOOK  | \$410.00        | \$0.00        |
| 0                         | 704006      | M2 OPERATOR BOOK   | \$55.00         | \$0.00        |
| 0                         | 704007      | M2 SERVICE MANUAL  | \$335.00        | \$0.00        |
| 0                         | 1071235     | FUEL CAP SAFETY LOCK   | \$220.00        | \$0.00        |
| 1                         | 1075400     | AM/FM/CD RADIO   | \$900.00        | \$900.00      |
| 1                         | 1080756     | FENDER MOUNTED MIRROR-LEFT HAND  | \$510.00        | \$510.00      |
| 0                         | 1109607     | 12" CONVEX MIRRORS (ILO STD 8")  | \$320.00        | \$0.00        |
| 0                         | 1081188     | SPARE CHASSIS KEY  | \$45.00         | \$0.00        |
| 0                         | 1081365     | IN CAB AIR FILTER RESTRICTION INDICATOR  | \$840.00        | \$0.00        |
| 1                         | 1081747     | (2) AIR CLOTH HI-BACK  | \$2,030.00      | \$2,030.00    |
| 0                         | 1081748     | (1) AIR CLOTH HI-BACK SEAT   | \$1,045.00      | \$0.00        |
| 0                         | 1120505     | SPARE TIRE & WHEEL, BALANCED   | \$1,340.00      | \$0.00        |
| 0                         | 1081909     | SINGLE ARM REST - VINYL  | \$365.00        | \$0.00        |
| 0                         | 1081910     | DUAL ARM REST - VINYL  | \$690.00        | \$0.00        |
| 0                         | 1081911     | SINGLE ARM REST - CLOTH  | \$365.00        | \$0.00        |
| 0                         | 1081912     | DUAL ARM REST - CLOTH  | \$690.00        | \$0.00        |
| 0                         | 1081956     | DAYTIME RUNNING LIGHTS   | \$1,065.00      | \$0.00        |
| 0                         | 1090653     | DUAL AIR HORNS   | \$1,580.00      | \$0.00        |
| 0                         | 1101560     | MIDWEST AUTOLUBE - SWEEPER/TRUCK   | \$7,110.00      | \$0.00        |
| 0                         | 1101567     | 2 1/2 LB. FIRE EXTINGUISHER  | \$215.00        | \$0.00        |
| 0                         | 1101568     | 5 LB. FIRE EXTINGUISHER  | \$245.00        | \$0.00        |
| 0                         | 1108053     | FULL WIDTH FRONT SPRAY BAR   | \$735.00        | \$0.00        |
| 0                         | 1072443     | MASTER BATTERY SWITCH  | \$525.00        | \$0.00        |
| 0                         | 4820001     | CAB STANDARD WHITE   | \$0.00          | \$0.00        |
| 0                         | SPECIAL     | VOGEL AUTOLUBE - SWEEPER/TRUCK   | \$11,210.00     | \$0.00        |
| 0                         | 1063734     | M2 (IN STOCK) CAB SPECIAL COLOR  | \$3,815.00      | \$0.00        |
| 0                         | SPECIAL     | TRUCK RIMS - ALL   | \$1,155.00      | \$0.00        |
| 0                         | 1103082     | (2) AIR SEATS WITH CORDURA CLOTH   | \$3,955.00      | \$0.00        |
| 0                         | 1115658     | (2) FRONT CAMERAS (1) REAR CAMERA  | \$970.00        | \$0.00        |
| 0                         | 1120361     | EXTENDED REACH RIGHT HAND SIDEBROOM<br>(MUST SELECT IN CAB HYDRAULIC FLOAT SIDEBROOMS)           | \$1,360.00      | \$0.00        |
| 0                         | 1120782     | EXTENDED REACH RIGHT AND LEFT HAND SIDEBROOMS<br>(MUST SELECT IN CAB HYDRAULIC FLOAT SIDEBROOMS) | \$1,910.00      | \$0.00        |

|                                  |         |  |            |        |
|----------------------------------|---------|--|------------|--------|
| ----NAVISTAR CHASSIS OPTIONS---- |         |  |            |        |
| 0                                | 4820001 | CAB STANDARD WHITE   | N/C        | \$0.00 |
| 0                                | 1063731 | NAV CAB PAINTED SPECIAL COLOR  | \$3,675.00 | \$0.00 |
| 0                                | 1108053 | FULL WIDTH FRONT SPRAY BAR   | \$735.00   | \$0.00 |
| 0                                | SPECIAL | TRUCK RIMS - ALL   | \$1,155.00 | \$0.00 |
| 0                                | SPECIAL | SPARE TIRE & WHEEL, BALANCED   | \$1,330.00 | \$0.00 |
| 0                                | 1086733 | LEFT HAND FENDER MOUNTED MIRROR  | \$510.00   | \$0.00 |
| 0                                | 1101567 | 2 1/2 LB. FIRE EXTINGUISHER  | \$215.00   | \$0.00 |
| 0                                | 1101568 | 5 LB. FIRE EXTINGUISHER  | \$245.00   | \$0.00 |
| 0                                | 1091761 | EXTRA KEY  | \$60.00    | \$0.00 |
| 0                                | 1091770 | (2) ELECTRIC & (1) AIR HORN  | \$1,890.00 | \$0.00 |
| 0                                | 1091822 | AM/FM/CD RADIO   | \$900.00   | \$0.00 |
| 0                                | 1097641 | NATIONAL AIR RIDE SEAT - PASSENGER SIDE - VINYL  | \$2,350.00 | \$0.00 |
| 0                                | 1097642 | NATIONAL AIR RIDE SEAT-PASSENGER SIDE- VINYL W/ARM REST  | \$2,505.00 | \$0.00 |
| 0                                | 1097643 | NATIONAL AIR RIDE SEAT-PASSENGER SIDE - CLOTH  | \$2,225.00 | \$0.00 |
| 0                                | 1097644 | NATIONAL AIR RIDE SEAT-PASSENGER SIDE - CLOTH W/ARM REST   | \$2,365.00 | \$0.00 |
| 0                                | 1097645 | NATIONAL AIR RIDE SEAT - DRIVER SIDE - VINYL   | \$2,085.00 | \$0.00 |
| 0                                | 1097646 | NATIONAL AIR RIDE SEAT - DRIVER SIDE - VINYL W/ARM REST  | \$2,225.00 | \$0.00 |
| 0                                | 1097647 | NATIONAL AIR RIDE SEAT - DRIVER SIDE - CLOTH   | \$2,225.00 | \$0.00 |
| 0                                | 1097648 | NATIONAL AIR RIDE SEAT - DRIVER SIDE - CLOTH W/ARM REST  | \$2,550.00 | \$0.00 |
| 0                                | 1099317 | (1) ELECTRIC HORN  | \$290.00   | \$0.00 |
| 0                                | 1120361 | EXTENDED REACH RIGHT HAND SIDEBROOM<br>(MUST SELECT IN CAB HYDRAULIC FLOAT SIDEBROOMS)           | \$1,360.00 | \$0.00 |
| 0                                | 1120782 | EXTENDED REACH RIGHT AND LEFT HAND SIDEBROOMS<br>(MUST SELECT IN CAB HYDRAULIC FLOAT SIDEBROOMS) | \$1,910.00 | \$0.00 |



MODEL: BROOM BEAR  
 EFFECTIVE DATE: 10/03/2016  
 SUPERCEDES ALL PREVIOUS PRICE LISTS  
 NJPA PRICE LIST (U.S. DOLLARS)  
 REV # 09/01/2017

| QUANTITY | PART NUMBER | MODEL DESCRIPTION | 2017 NJPA PRICE | 2017 EXTENDED |
|----------|-------------|-------------------|-----------------|---------------|
|----------|-------------|-------------------|-----------------|---------------|

| ----FREIGHT RATES---- |             |                                 |            |            |
|-----------------------|-------------|---------------------------------|------------|------------|
| 0                     | FRT-118-001 | SELF SHIPPING DOCK CHARGE       | \$595.00   | \$0.00     |
| 0                     | FRT-118-002 | FREIGHT-IL,WI,IA,IN,MI,MN,KY    | \$1,310.00 | \$0.00     |
| 0                     | FRT-118-003 | FREIGHT-TN,WV,PA,NY             | \$2,850.00 | \$0.00     |
| 0                     | FRT-118-004 | FREIGHT-NH,VT,ME                | \$3,555.00 | \$0.00     |
| 0                     | FRT-118-005 | FREIGHT-NEW YORK CITY           | \$4,110.00 | \$0.00     |
| 0                     | FRT-118-006 | FREIGHT-ND,SD,NE,OK,KS,AR,AL,MO | \$2,715.00 | \$0.00     |
| 1                     | FRT-118-007 | FREIGHT-AZ,UT                   | \$5,390.00 | \$5,390.00 |
| 0                     | FRT-118-008 | FREIGHT-CA,NV,ID,OR,WA          | \$6,355.00 | \$0.00     |
| 0                     | FRT-118-009 | FREIGHT-CHICAGO/MILWAUKEE       | \$900.00   | \$0.00     |
| 0                     | FRT-118-010 | FREIGHT - FL,LA,TX,NM,CO,WY,MT  | \$4,145.00 | \$0.00     |
| 0                     | FRT-118-011 | FREIGHT- OH,ST.LOUIS METRO      | \$1,530.00 | \$0.00     |
| 0                     | FRT-118-012 | FREIGHT- MS,GA,SC,NC,VA,MD      | \$3,130.00 | \$0.00     |
| 0                     | FRT-118-013 | FREIGHT - RI,DE,CT,NJ,MA        | \$2,740.00 | \$0.00     |
| 0                     | FRT-118-014 | FREIGHT - LAREDO, TX            | \$6,700.00 | \$0.00     |
| 0                     | FRT-118-015 | SPECIALIZED TRANSPORT EQUIPMENT | \$1,030.00 | \$0.00     |

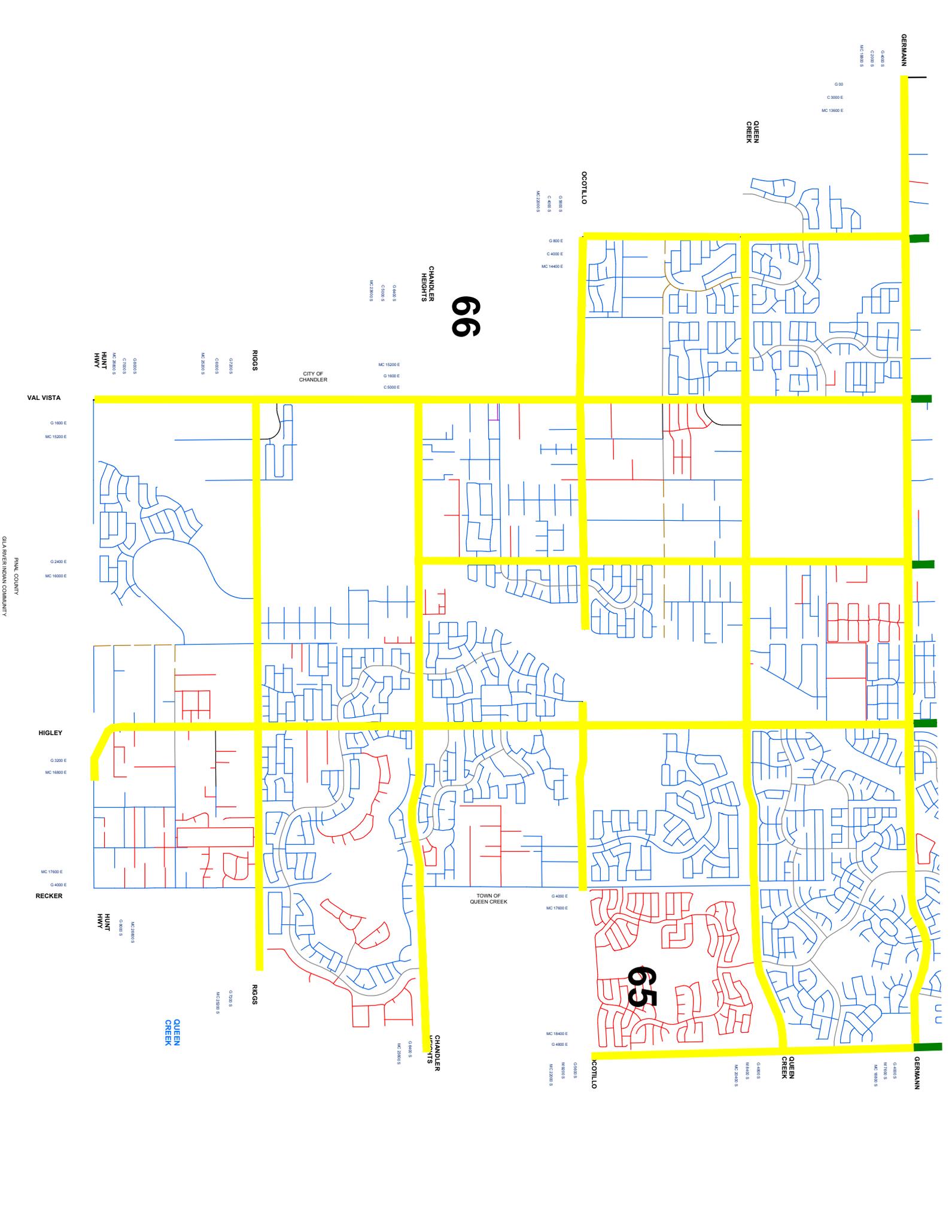
| -----WARRANTY----- |              |   |            |        |
|--------------------|--------------|---|------------|--------|
| 0                  | EW-ME-NA-2PL | BROOM BEAR 2 <sup>ND</sup> YEAR PARTS/LABOR | \$2,705.00 | \$0.00 |
| 0                  | EW-ME-NA-3PL | BROOM BEAR 3 <sup>RD</sup> YEAR PARTS/LABOR | \$5,100.00 | \$0.00 |
| 0                  | EW-ME-NA-4PL | BROOM BEAR 4 <sup>TH</sup> YEAR PARTS/LABOR | \$7,250.00 | \$0.00 |
| 0                  | EW-ME-NA-5PL | BROOM BEAR 5 <sup>TH</sup> YEAR PARTS/LABOR | \$9,290.00 | \$0.00 |

|                  |                     |
|------------------|---------------------|
| <b>SUB TOTAL</b> | <b>\$273,052.00</b> |
|------------------|---------------------|

| -----DISCOUNTS----- |               |               |             |              |
|---------------------|---------------|---------------|-------------|--------------|
| 0                   | DISC-118-ADDL | NJPA DISCOUNT | \$13,652.60 | -\$13,652.60 |

| SPECIAL RFQ OPTIONS OR OTHER DESCRIPTIONS |  |                                |            |            |
|---|--|--------------------------------|------------|------------|
|   |  | ARROW BOARD                    | \$3,810.00 | \$3,810.00 |
|   |  | (2) LED FRONT AND REAR STROBES | \$1,716.00 | \$1,716.00 |
|   |  |                                |            |            |
|   |  |                                |            |            |
|   |  |                                |            |            |

|                           |                    |                     |
|---------------------------|--------------------|---------------------|
|                           | <b>GRAND TOTAL</b> | <b>\$264,925.40</b> |
| ADDITIONAL DISCOUNT       |                    | -18,000.00          |
| SUB TOTAL                 |                    | \$246,924.40        |
| LOCAL AND STATE SALES TAX |                    | \$21,235.58         |
| TOTAL DELIVERED COST      |                    | \$268,160.98        |



GERMANN

G 400 S  
C 300 S  
MC 1800 S

G 00  
C 3000 E  
MC 1300 E

QUEEN CREEK

Ocotillo

G 800 S  
C 400 S  
MC 2000 S  
G 800 E  
C 4000 E  
MC 1400 E

CHANDLER HEIGHTS

66

G 800 S  
C 600 S  
MC 2000 S  
MC 1500 E  
G 1600 E  
C 500 E

CITY OF CHANDLER

RIGGS

G 3200 S  
C 2000 S  
MC 2000 S

HUNT HWY

VAL VISTA

G 1600 E  
MC 15200 E

HIGLEY

G 3200 E  
MC 16800 E

RECKER

MC 17600 E  
G 4000 E

TOWN OF QUEEN CREEK

G 4000 E  
MC 17600 E

65

G 18400 E  
G 4800 E  
G 6400 S  
MC 1800 S  
MC 2000 S

Ocotillo

QUEEN CREEK

G 4800 S  
MC 1800 S  
MC 2000 S

GERMANN

G 400 S  
MC 1800 S  
MC 2000 S

CHANDLER HEIGHTS

G 400 S  
MC 2000 S

RIGGS

G 3200 S  
MC 2000 S

QUEEN CREEK

HUNT HWY