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 PartE 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

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

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MAG Contact Information		
Contact Name	**Phone**	**E-Mail Address**
MAG Offices	602-254-6300	
Teri Kennedy	602-254-6300	TKennedy@azmag.gov
Dean Giles	602-254-6300	DGiles@azmag.gov
Stephen Tate	602-452-5010	State@azmag.gov

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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)	Phoenix
2. Name:	Eileen Yazzie & Paul Thibado
3. Phone:	602.534.5692 & 602.256.3139
4. E-Mail:	eileen.yazzie@phoenix.gov & paul.thibado@phoenix.gov
5. Mailing Address:	200 W. Washington 5th Floor & 3045 S. 22nd Avenue
	Phoenix, AZ 85003 & Phoenix, AZ 85009

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.	
7. Funding Information	**Amount**
(a) Total Cost of Sweeper	**$282,663**
(b) Total Cost Eligible for Reimbursement (See the Attachment 1 for Rule 1186 List of Eligible Sweepers)	**$276,983**
(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)	**$5,680**

8. Reimbursement Information	Amount	Funding Type	Share of Eligible Cost (See #7)
(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%	**$261,195**	**CMAQ**	**94.3%**

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(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%	**$15,788**	**Local**	**5.70%**
9. Project Funding Based on Information from #7 & #8	**Federal Share = 8a**	**Local Share = 7c + 8b**	**Total Cost of Sweeper**
	$261,195	**$21,468**	**$282,663**

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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	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)	14	14	90	
(b) Lane miles to be swept per cycle	104	52	200	
(c) Average weekday traffic per lane being swept	8800	5000	500	
(d) If values were entered in the "Other" column, please specify what "Other" means:	(a) Arterial - 10 working days/2 weeks, Collector - 10 working days/2 weeks, Residential - Quarterly every 3 months			

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:				

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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	1,787	**Replace #033058**	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)	Oct-10		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	12,118		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	100			
(e) Please explain why the older sweeper was out of service.	The street sweeper had an electrical fire on 7/2/2012 and was deemed a total loss. Therefore, the sweeper is not in operation, and the useful life, number of hours, and miles is not applicable.			

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, The sweeper to be replaced is part of a fleet that sweeps in our North sweeping area as shown as 35-4 in the attached map. It is within four miles of PM-10 monitors: 9. The North Sweeping area is 4.1 miles away from #17.

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

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If yes, please provide details (e.g., number, type and cost of employees, equipment, and maintenance).	The City has set aside $49,070 per year in the FY2018 and FY2019 budget years for purchasing sweepers. This amount includes the 5.7% local matching funds, items not eligible for Federal reimbursements, and additional administrative costs. The Street Cleaning Section has a dedicated staff of 44 team members that include 1 team supervisor, 5 foremen, 1 administrative aid, and 37 teammates. This team is responsible for operating 34 street sweepers to meet the City's street sweeping schedules and provide additional 'storm responses' as needed. The Street Cleaning Section is part of the Street Maintenance Division. The Street Maintenance Divisions is the Street Department's largest division and is responsible for maintaining the City's roadways and other assets in the right-of-way. This staff takes care of issues such as asphalt/pothole repair, removal of debris in street, street resurfacing, street sweeping, removal of weeds in unimproved right-of-way, response to ADA issues in the right-of-way, grading/dustproofing alleys, response to storm related issues such as flooded streets and clogged storm drains, and wash maintenance.
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).	The North Service area is the area within the City of Phoenix bounded by 87th Ave to 68th Street, New River Road. to Northern Rd. This is shown in the map as area 35-4.
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

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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:	34
(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: Ray Dovalina, P.E.

Title: Street Transportation Director

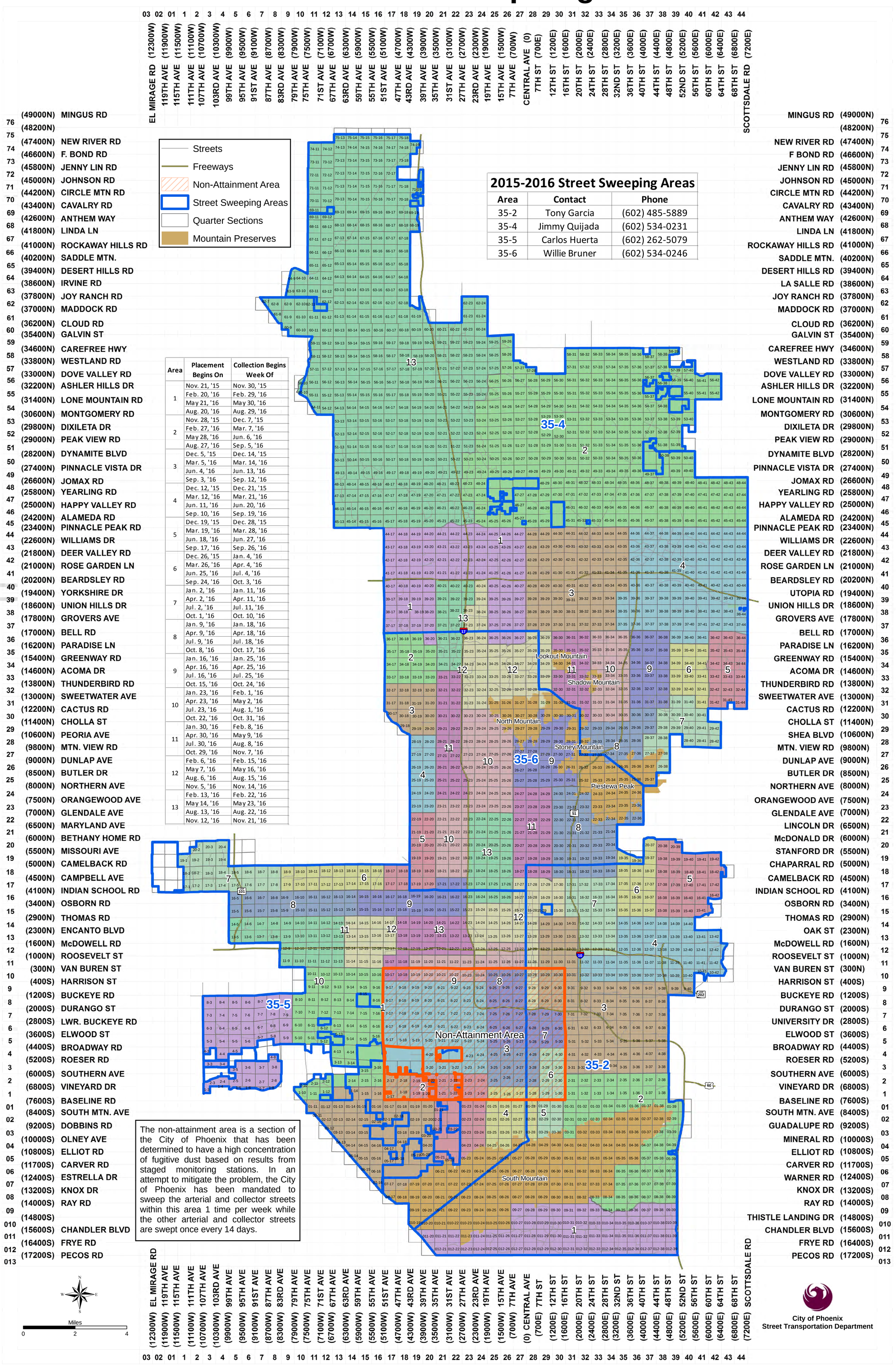
Date: 9/18/2017

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

Bulk Trash Collection and Street Sweeping Areas



2015-2016 Street Sweeping Areas		
Area	Contact	Phone
35-2	Tony Garcia	(602) 485-5889
35-4	Jimmy Quijada	(602) 534-0231
35-5	Carlos Huerta	(602) 262-5079
35-6	Willie Bruner	(602) 534-0246

Area	Placement Begins On	Collection Begins Week Of
1	Nov. 21, '15	Nov. 30, '15
	Feb. 20, '16	Feb. 29, '16
	May 21, '16	May 30, '16
	Aug. 20, '16	Aug. 29, '16
2	Nov. 28, '15	Dec. 7, '15
	Feb. 27, '16	Mar. 7, '16
	May 28, '16	Jun. 6, '16
	Aug. 27, '16	Sep. 5, '16
3	Dec. 5, '15	Dec. 14, '15
	Mar. 5, '16	Mar. 14, '16
	Jun. 4, '16	Jun. 13, '16
	Sep. 3, '16	Sep. 12, '16
4	Dec. 12, '15	Dec. 21, '15
	Mar. 12, '16	Mar. 21, '16
	Jun. 11, '16	Jun. 20, '16
	Sep. 10, '16	Sep. 19, '16
5	Dec. 19, '15	Dec. 28, '15
	Mar. 19, '16	Mar. 28, '16
	Jun. 18, '16	Jun. 27, '16
	Sep. 17, '16	Sep. 26, '16
6	Dec. 26, '15	Jan. 4, '16
	Mar. 26, '16	Apr. 4, '16
	Jun. 25, '16	Jul. 4, '16
	Sep. 24, '16	Oct. 3, '16
7	Jan. 2, '16	Jan. 11, '16
	Apr. 2, '16	Apr. 11, '16
	Jul. 2, '16	Jul. 11, '16
	Oct. 1, '16	Oct. 10, '16
8	Jan. 9, '16	Jan. 18, '16
	Apr. 9, '16	Apr. 18, '16
	Jul. 9, '16	Jul. 18, '16
	Oct. 8, '16	Oct. 17, '16
9	Jan. 16, '16	Jan. 25, '16
	Apr. 16, '16	Apr. 25, '16
	Jul. 16, '16	Jul. 25, '16
	Oct. 15, '16	Oct. 24, '16
10	Jan. 23, '16	Feb. 1, '16
	Apr. 23, '16	May 2, '16
	Jul. 23, '16	Aug. 1, '16
	Oct. 22, '16	Oct. 31, '16
11	Jan. 30, '16	Feb. 8, '16
	Apr. 30, '16	May 9, '16
	Jul. 30, '16	Aug. 8, '16
	Oct. 29, '16	Nov. 7, '16
12	Feb. 6, '16	Feb. 15, '16
	May 7, '16	May 16, '16
	Aug. 6, '16	Aug. 15, '16
	Nov. 5, '16	Nov. 14, '16
13	Feb. 13, '16	Feb. 22, '16
	May 14, '16	May 23, '16
	Aug. 13, '16	Aug. 22, '16
	Nov. 12, '16	Nov. 21, '16

The non-attainment area is a section of the City of Phoenix that has been determined to have a high concentration of fugitive dust based on results from staged monitoring stations. In an attempt to mitigate the problem, the City of Phoenix has been mandated to sweep the arterial and collector streets within this area 1 time per week while the other arterial and collector streets are swept once every 14 days.

Revised 1/25/2016
G:\GISDATA\MAPS\Bulk Trash\2016\MXD\2016 Bulk Trash.mxd

	Exhibit A	**State of Arizona** **State Procurement Office** 100 N. 15th Ave, Suite 201 Phoenix, AZ 85007
	Solicitation No.: ADSPO14-00003602	
	Description: Statewide Medium and Heavy Duty Cab and Chassis	

Quote Sheet

State of Arizona Contract

Medium and Heavy Duty Cab and Chassis

DATE: SEPTEMBER 8, 2017	
CUSTOMER: CITY OF PHOENIX	
State Contract Number: ADSPO15-093361	ProcureAZ Line Item Number: # 4
Vehicle Description: Make, Model, Vehicle Code, And Trim Level FREIGHTLINER M2 106 CLASS 8	
Base Vehicle Price	$ 74,987.90
Manufacturer Options Upgrades or Upfit/Modifications Requirements – CHASSIS OPTIONS TO FACILITATE MOUNTING BROOM BEAR SWEEPER BODY, MODIFICATIONS INCLUDE "RIGHT HAND DRIVE CONVERSION DEALER ADD-ONS INCLUDE AIR TANK MOD, AIR HOSE IN CAB, WINDOW TINT + SPARE WHEEL + TIRE.	
1. CHASSIS OPTIONS	$ 7,107.98
2. CHASSIS MODIFICATIONS + DLR ADD-ON	$ 12,515.00
3. ELGIN BROOM BEAR BODY	$ 167,600.00
4.	$
5.	$
6.	$
7.	$
8.	$
9.	$
10.	$

$ 262,210.88	**Subtotal (Including Destination and Options)**
$ INCL.	**Upfit/Modification Requirements**
$ 20,452.45	**SALES TAX**
$ INCL.	**TIRE TAX**
$ —	**DELIVERY FEE**
$ 282,663.33	**TOTAL DELIVERED PRICE**

Prepared for:
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Phone:

QUOTATION

M2 106 CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK

CUM L9 260 HP @ 2200 RPM; 2200 GOV RPM, 720 LB/FT @ 1300 RPM

ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION

23082T 23,000# R-SERIES 2-SPEED 48MM BOWL OFFSET SINGLE REAR AXLE

HENDRICKSON HAS-230 @23,000# REAR SUSPENSION

DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE

12,000# MONO TAPERLEAF FRONT SUSPENSION

106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB

3450MM (136 INCH) WHEELBASE

11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI

600MM (24 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	**TOTAL # OF UNITS (1)**	$	94,611	$	94,611
EXTENDED WARRANTY		$	0	$	0
DEALER INSTALLED OPTIONS		$	167,600	$	167,600
CUSTOMER PRICE BEFORE TAX		$	***262,211***	$	***262,211***
TAXES AND FEES					
TAXES AND FEES		$	20,452	$	20,452
OTHER CHARGES		$	0	$	0
TRADE-IN					
TRADE-IN ALLOWANCE		$	(0)	$	(0)
BALANCE DUE	**(LOCAL CURRENCY)**	$	**282,663**	$	**282,663**

COMMENTS:

Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X_____ Date: ___ / ___ / ___.

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.

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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-16M	M2 PRL-16M (EFF:04/25/17)		
Data Version			
DRL-019	SPECPRO21 DATA RELEASE VER 019		
Interior Convenience/Driver Retention Package			
055-998	NO INTERIOR CONVENIENCE PACKAGE		
Vehicle Configuration			
001-172	M2 106 CONVENTIONAL CHASSIS	5,759	3,503
004-218	2018 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-012	PREP FOR LH PRIMARY STEERING LOCATION AND CUSTOMER SUPPLIED RH SIT-DOWN SECONDARY STEERING LOCATION WITH DUAL INSTRUMENT CLUSTER		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1UH	UTILITY HAZMAT BUSINESS SEGMENT		
AA4-011	FIXED LOAD COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-091	MEDIUM TRUCK WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 10000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs		

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	Data Code	Description	Weight Front	Weight Rear
	A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 33000.0 lbs		
Truck Service				
	AA3-022	STREET SWEEPER BODY		
	A88-99D	EXPECTED TRUCK BODY LENGTH : 6.0 ft		
	A89-99D	BRAKING-EXPECTED CAB TO BODY CLEARANCE : 3.0 in		
	AF3-1T6	ELGIN SWEEPER COMPANY		
	AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
Engine				
	101-22M	CUM L9 260 HP @ 2200 RPM; 2200 GOV RPM, 720 LB/FT @ 1300 RPM	640	30
Electronic Parameters				
	79A-075	75 MPH ROAD SPEED LIMIT		
	79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
	79G-102	4 MINUTE IDLE SHUTDOWN - TIMER RESET WITH CLUTCH AND SERVICE BRAKE		
*	79K-027	PTO MODE ENGINE RPM LIMIT 2200 RPM		
*	79L-020	PTO MODE THROTTLE OVERRIDE - LIMIT TO 2600 RPM		
	79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
*	79P-022	PTO RPM WITH CRUISE SET SWITCH - 890 RPM		
*	79Q-019	PTO RPM WITH CRUISE RESUME SWITCH - 890 RPM		
*	79S-012	PTO MODE CANCEL VEHICLE SPEED - 18 MPH		
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
	79W-001	ONE REMOTE PTO SPEED		
*	79X-005	REMOTE PTO SPEED 1 SETTING - 900 RPM		
		ADD 79X-022 REMOTE PTO SPEED 1 SETTING- 890 RPM		
*	80G-013	PTO MINIMUM RPM - 890		
	80J-001	REGEN INHIBIT SPEED THRESHOLD - 0 MPH		
Engine Equipment				
	99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION		
	99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
	13E-001	STANDARD OIL PAN		

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	Data Code	Description	Weight Front	Weight Rear
	105-001	ENGINE MOUNTED OIL CHECK AND FILL		
	133-004	ONE PIECE VALVE COVER		
	014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED		
	124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
	292-098	(2) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 2250 CCA THREADED STUD BATTERIES		
	290-017	BATTERY BOX FRAME MOUNTED		
	281-001	STANDARD BATTERY JUMPERS		
	282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB		
	291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
	289-001	NON-POLISHED BATTERY BOX COVER		
	107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
	108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
	131-013	AIR COMPRESSOR DISCHARGE LINE		
	152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
	128-998	NO RETARDER		
	016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
	28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
	239-020	10 FOOT 00 INCH (120 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
*	235-078	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL DPF ATD OR AFTERTREATMENT SYSTEM		
	237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
	23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
	30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
	43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		

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	Data Code	Description	Weight Front	Weight Rear
	23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
	43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
	242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
	273-018	HORTON DRIVEMASTER ADVANTAGE ON/OFF FAN DRIVE		
	276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
	110-003	CUMMINS SPIN ON FUEL FILTER		
	118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
	266-013	1100 SQUARE INCH ALUMINUM RADIATOR	20	
*	267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
	103-036	ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT		
	171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
	172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
	270-016	RADIATOR DRAIN VALVE		
	168-002	LOWER RADIATOR GUARD		
	138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
	140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
	134-001	ALUMINUM FLYWHEEL HOUSING		
	132-004	ELECTRIC GRID AIR INTAKE WARMER		
	155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH		
Transmission				
	342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
Transmission Equipment				
	343-321	ALLISON VOCATIONAL PACKAGE 169 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS		
	84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
	84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		

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Data Code	Description	Weight Front	Weight Rear
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE		
84N-000	NEUTRAL AT STOP - DISABLED, FUELSENSE - DISABLED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		
362-1G0	MUNCIE PTO - MPMCS10A1010 H1BX	70	
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1A5	DETROIT DA-F-10.0-3 10,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE		
402-020	MERITOR 15X4 Q+ CAM FRONT BRAKES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		

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	Data Code	Description	Weight Front	Weight Rear
	427-001	FRONT BRAKE DUST SHIELDS	5	
	409-006	FRONT OIL SEALS		
	408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
	416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
	405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
	536-050	TRW THP-60 POWER STEERING		
	539-003	POWER STEERING PUMP		
	534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR		
	40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension				
	620-1E9	12,000# MONO TAPERLEAF FRONT SUSPENSION		
	619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
	62H-010	FRONT SUSPENSION WITH LEFT HAND OFFSET SHACKLE BRACKET	4	
	410-001	FRONT SHOCK ABSORBERS		
Rear Axle and Equipment				
*	420-1KG	23082T 23,000# R-SERIES 2-SPEED 48MM BOWL OFFSET SINGLE REAR AXLE		240
*	421-037	6.17/8.42 REAR AXLE RATIO		
	424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
	386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	-20	-20
	423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
	433-002	NON-ASBESTOS REAR BRAKE LINING		
	434-003	STANDARD BRAKE CHAMBER LOCATION		
	451-023	CONMET CAST IRON REAR BRAKE DRUMS		
	425-002	REAR BRAKE DUST SHIELDS		
	440-006	REAR OIL SEALS		
	426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
*	428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
	876-004	ELECTRIC OVER AIR CONTROL WITH INDICATOR LAMP FOR 2-SPEED REAR AXLE		

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	Data Code	Description	Weight Front	Weight Rear
	87C-001	LOW RANGE TWO-SPEED DEFAULT WITH IGNITION OFF		
	898-002	AIR SHIFTER FOR 2-SPEED REAR AXLE		
	41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
*	42T-004	REMOTE MOUNTED REAR AXLE BREATHER(S)		
Rear Suspension				
*	622-150	HENDRICKSON HAS-230 @23,000# REAR SUSPENSION		320
*	621-010	HENDRICKSON HAS; REYCO 240 AR, 8.50" RIDE HEIGHT		
*	431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
*	910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE		
	623-002	TRANSVERSE CONTROL RODS		
*	439-010	REAR SHOCK ABSORBERS-ONE AXLE MOUNTED INBOARD		
Brake System				
	018-002	AIR BRAKE PACKAGE		
	490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
	871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
	904-001	FIBER BRAID PARKING BRAKE HOSE		
	412-001	STANDARD BRAKE SYSTEM VALVES		
	46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
	413-002	STD U.S. FRONT BRAKE VALVE		
	432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
	480-009	BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20	
	479-015	AIR DRYER FRAME MOUNTED		
*	460-001	STEEL AIR BRAKE RESERVOIRS		
		USING MOUNT PRIMARY TANK OUTBOARD USING BRAKET -A12-15174-000 MOUNT SECONDARY RH INBROARD USING BRACKET -12-21013-00 0		
	607-011	CLEAR FRAME RAIL 36 INCHES FROM BACK OF CAB INSIDE/OUTBOARD AND BELOW LH FRAME RAIL		
	477-004	PULL CABLES ON ALL AIR RESERVOIR(S)		
Trailer Connections				
	335-004	UPGRADED CHASSIS MULTIPLEXING UNIT		
	32A-002	UPGRADED BULKHEAD MULTIPLEXING UNIT		

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	Data Code	Description	Weight Front	Weight Rear
	30L-998	NO HIGH CURRENT TRAILER/BODY CABLE		
Wheelbase & Frame				
*	545-345	3450MM (136 INCH) WHEELBASE		
*	546-092	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	-250	190
*	552-1AC	600MM (24 INCH) REAR FRAME OVERHANG		
*	55W-999	24" FRAME OVERHANG RANGE		
		24" OVERHANG		
	AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 70.45 in		
	AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 67.45 in		
	AE4-99D	CALC'D FRAME LENGTH - OVERALL : -9832.61		
	AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 70.45 in		
	FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 73.14 in		
	FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 55.67 in		
*	553-008	ANGLED END OF FRAME CUT WITH TOP AND BOTTOM FLANGE HOLES		
	550-001	FRONT CLOSING CROSSMEMBER		
	559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
	562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
*	572-068	ANGLED REAR CROSSMEMBER FOR ELGIN BROOM BEAR		
*	565-001	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment				
	556-1AN	THREE-PIECE 14 INCH STEEL CENTER BUMPER WITH FLEXIBLE PLASTIC ENDS		
	558-001	FRONT TOW HOOKS - FRAME MOUNTED	15	
	574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
	489-998	NO TIRE PRESSURE CONTROL/SENSOR		
	605-1AB	D15-16004-000 CENTER PUNCH TO MARK CENTERLINE OF REAR SUSPENSION ON FRAME WEB		
*	606-1M7	DRILLING PREP FOR ELGIN PER DRAWING #1108906, REVISION 3		
Fuel Tanks				

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	Data Code	Description	Weight Front	Weight Rear
	204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	20	
	218-005	RECTANGULAR FUEL TANK(S)		
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	212-007	FUEL TANK(S) FORWARD		
	664-001	PLAIN STEP FINISH		
	205-001	FUEL TANK CAP(S)		
	122-1H3	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR	-5	
	216-020	EQUIFLO INBOARD FUEL SYSTEM		
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires				
	093-2C5	HANKOOK AL11 11R22.5 14 PLY RADIAL FRONT TIRES	8	
*	094-2C5	HANKOOK AL11 11R22.5 14 PLY RADIAL REAR TIRES		60
Hubs				
	418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS	20	
	450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels				
	502-524	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS		
	505-524	MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS		
	496-011	FRONT WHEEL MOUNTING NUTS		
	497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior				
	829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
	650-008	AIR CAB MOUNTING		
	705-012	CAB ROOF REINFORCEMENTS FOR ROOF MOUNTED COMPONENTS	2	
	678-001	LH AND RH GRAB HANDLES		
	646-009	PAINTED PLASTIC GRILLE		
	65X-001	ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE		
	644-004	FIBERGLASS HOOD		

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Data Code	Description	Weight Front	Weight Rear
690-002	TUNNEL/FIREWALL LINER		
726-002	DUAL ELECTRIC HORNS		
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY		
302-001	(5) AMBER MARKER LIGHTS		
294-094	OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING WITH SEPARATE STOP/TAIL WIRES TO 7 FEET BEYOND END OF FRAME		-5
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
74B-079	RH 8 INCH STAINLESS STEEL FENDER MOUNTED CONVEX MIRROR WITH TRIPOD BRACKETS	4	
729-001	STANDARD SIDE/REAR REFLECTORS		
768-043	63X14 INCH TINTED REAR WINDOW		
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
654-003	MANUAL DOOR WINDOW REGULATORS		
663-013	TINTED WINDSHIELD		
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		
Cab Interior			
707-1AK	OPAL GRAY VINYL INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
694-010	IN DASH STORAGE BIN		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-006	GRAY/CHARCOAL FLAT DASH		
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		

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	Data Code	Description	Weight Front	Weight Rear
	703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
	170-015	STANDARD HEATER PLUMBING		
	130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
	702-002	BINARY CONTROL, R-134A		
	739-033	STANDARD INSULATION		
	285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
	280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
	324-014	DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS		
	655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
	284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
	756-1J1	BASIC HIGH BACK NON SUSPENSION DRIVER SEAT WITH FORE AND AFT ADJUSTMENT		
	760-1J3	BASIC HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10
*	759-003	DUAL PASSENGER SEAT ARMRESTS, NO DRIVER SEAT ARMRESTS		
	711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
	758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER		
	761-014	BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER		
	763-101	BLACK SEAT BELTS		
	532-027	ADJUSTABLE STEERING COLUMN, SUPPLIER CONVERSION TO LH AND RH ADJUSTABLE TILT STEERING COLUMNS	10	
	540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
	765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		
Instruments & Controls				
	732-004	GRAY DRIVER INSTRUMENT PANEL		
	734-004	GRAY CENTER INSTRUMENT PANEL		
	870-001	BLACK GAUGE BEZELS		
	486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
	840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
	198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		

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Data Code	Description	Weight Front	Weight Rear
149-013	ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-039	(1) HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH AND (1) SAE J1939 DIAGNOSTIC INTERFACE CONNECTOR LOCATED CENTER OF DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-035	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	5	
73B-998	NO LANE DEPARTURE WARNING SYSTEM		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-115	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-998	NO VEHICLE PERFORMANCE MONITOR	-5	
8D1-998	NO DETROIT CONNECT SERVICES SELECTED		
8Z1-998	NO ZONAR SERVICES SELECTED		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		

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	Data Code	Description	Weight Front	Weight Rear
	304-001	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
*	882-053	ONE VALVE PARK BRAKE SYSTEM WITH WARNING INDICATOR AND CUSTOMER WIRED AUTOPARK WITH AUTONEUTRAL PREP KIT		
	299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
	298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
	869-998	NO MISCELLANEOUS GAUGES		
Design				
	065-000	PAINT: ONE SOLID COLOR		
Color				
	980-5F6	CAB COLOR A: L0006EB WHITE ELITE BC		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
	98K-998	NO FUEL TANK CABINET PAINT		
	962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)		
	964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX		
	963-003	STANDARD E COAT/UNDERCOATING		
Certification / Compliance				
	996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
Secondary Factory Options				
*	998-033	CORPORATE PDI CENTER IN-SERVICE AND OPTION INSTALLATION/MODIFICATION		
		PDI MODIFICATION TO INCREASE ENGINE RPM IN HIGH IDLE WHEN PTO IS ENGAGED. PTO SWITCH MUST BE MOMENTARY STYLE. REFERENCE PDI QUOTE# 0264JB-021717		
	99B-012	SHIP TO THIRD PARTY (CHARLOTTE, NC) PRIOR TO DELIVERY		
*	999-999	LH PRIMARY STEERING LOCATION AND FOUNTAIN SUPPLIED RH SIT-DOWN SECONDARY STEERING LOCATION WITH DUAL INSTRUMENT CLUSTER		
*	835-003	J1939 500KBPS TO J1939 250KBPS GATEWAY FOR TELEMATICS, VIRTUAL TECHNICIAN AND BODY BUILDER INTERFACE		
*	288-002	CHASSIS WIRING - STANDARD		

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TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	6593 lbs	4413 lbs	11006 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight+	6593 lbs	4413 lbs	11006 lbs

Dealer Installed Options

		Weight Front	Weight Rear
NORWD	ELGIN SWEEPER	0	0
	Total Dealer Installed Options	0 lbs	0 lbs

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

NORWOOD EQUIPMENT INC.

QUOTATION

511 E. Mohave St.
Phoenix, A Z 85004
Phone 602-254-0644 Fax 602-. 253 4100

FOR:	FSW of Arizona RE: Phoenix Sweeper Contract 2018	END USER REFERENCE:	DATE:09/07/2018
		PREPARED BY: BILL OLIVE	QUOTATION # 3254
ATTN:	Jim Ross		
Fax	PHONE		

QUANTITY		T	UNIT PRICE	AMOUNT
1 Each	Elgin Broom Bear Street Sweeper			148,090.00
	Mounted On Freightliner M2 Chassis			
	Sweeper Auto Lube System			5,130.00
	Broom Bear Parts, Operator, Service Maunals			100.00
	Slow Moving Vehicle Emblem			160.00
	Broom Bear Mileage Recorder			395.00
	Hydraulic Oil Temp Display			315.00
	PM10 Compliant			3,250.00
	Left Hand and Right Hand Gutter Broom Tilt			2,020.00
	Full Width Front Spray Bar			770.00
	LH Fender Mirror			200.00
	2 Hopper Strobes with Guard			945.00
	25' Water Hose Per Phoenix Specs			430.00
	Phoenix Spec Master Battery Shutoff			735.00
	Brigade Electronic Back Up Alarm			360.00
	14 LED Flashers			2520.00
	5lb. Fire Extinguisher			50.00
	James King Safety Kit			230.00
	2 Spare Tires/Wheels Mounted			1580.00
	Window Tint			120.00
	2 LED Work Lights In Hopper			200.00
	NOTE: SWEEPER PRICES GOOD THROUGH SEPTEMBER 2018			

QUOTATION VALID FOR 30 DAYS UNLESS OTHERWISE LISTED

SUBTOTAL	$ 167,600.00
TAX RATE	
SALES TAX	
F.E.T.	
TOTAL	

ACCEPTED BY:

DATE:

If you have any questions concerning this quotation contact Name, Phone Number, Email

THANK YOU FOR YOUR BUSINESS!

Photo 1. Right rear view of the 2011 Freightliner M2 – Wayne Gladiator street sweeper.

Photo 2. Direct rear view of the vehicle.

Photo 3. Left rear view of the vehicle.

Photo 4. Left rear side view of the vehicle.

Photo 5. Left front side view of the vehicle.

Photo 6. Left front view of the vehicle.