



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
600 Fifth Street, NW, Washington, DC 20001-2651

AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

1. AMENDMENT/MODIFICATION See attached for changes to RFP CQ18038/DYB		2. EFFECTIVE DATE November 13, 2017	
3. ISSUED BY OFFICE OF PROCUREMENT Doris Y. Boggs Office of Procurement and Materials 600 Fifth Street, NW, D.C 20001		4. ADMINISTERED BY (If other than block 3)	
5. TO: All Prospective Offerors RFP CQ18038/DYB-Leasing of Tires and Wheel Management Services		6. FORM TYPE (Check only one) <input checked="" type="checkbox"/> AMENDMENT OF SOLICITATION NO. RFP CQ18038/DYB DATE <u>November 6, 2017</u> <input type="checkbox"/> MODIFICATION DATE	
7. THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS <input type="checkbox"/> The above numbered solicitation is amended as set forth in block 10. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended and vendor must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods; (a) By signing and returning (1) one copy of this amendment; (b) by acknowledging receipt of this amendment on each copy of the offer submitted; or (c) by separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided such telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
8. ACCOUNTING AND APPROPRIATION DATA (If required)			
9. THIS BLOCK APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS <input type="checkbox"/> This Change Order is issued pursuant to _____ The Changes set forth in block 10 are made to the above numbered contract/order. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation data, etc.) set forth in block 10. <input type="checkbox"/> This Supplemental Agreement is entered into pursuant to authority of _____ It modifies the above numbered contract as set forth in block 10.			
10. Amendment A001 This Amendment is issued to correct inconsistencies in number of WMATA buses identified in RFPCQ18038/DYB. Please note the number of buses listed in the Transmittal Letter and Solicitation Instructions of the RFP has been changed from 1583 to <u>1589</u> . Also disregard the original Price Schedule, Scope of Work and Tire and Wheel Projected Usage Schedule included in the RFP and replace with the attachment. Other than what is identified herewith all other requirements, terms and provisions cited in RFPCQ18038/DYB remain unchanged See following pages for continuation. Offeror's must acknowledge receipt Amendment A001.			
11. <input checked="" type="checkbox"/> CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT AND INCLUDE (1) one with COPY WITH PROPOSAL		<input type="checkbox"/> CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT	
12. NAME OF CONTRACTOR/OFFICE BY _____ (Signature of person authorized to sign)		15. WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY BY _____ (Signature of Contracting Officer)	
13. NAME AND TITLE OF SIGNER (Type or print)	14. DATE SIGNED	16. NAME OF CONTRACTING OFFICER (Type or print) Doris Boggs for Lisa Dunlap	17. DATE SIGNED November 13, 2017

**Amendment A001
Notes for
PRICE SCHEDULE**

Leasing of Tires and Wheel Management Services for WMATA's Buses

Prices listed must include all associated cost for leasing of new radial tires, personnel labor, equipment, "appropriate chemicals", supplies, an inspection management program and making all necessary tire repairs for approximately 1589 buses that are located at various WMATA Bus Divisions. Detailed technical requirements are specified in Statement of Work located in Part III herewith (Locations of Bus Divisions are identified in Part III of the solicitation).

WMATA's Tire and Wheel Projected Usage guide is included with Part III Scope of Work.

NOTE: Regarding the following Price Schedule WMATA will no longer have the Orion V buses after the three year base period.

Price Schedule (Amendment A001)

BMNT TIRES		Base Year 1			
The Contractor shall furnish new tires, tubes, flaps and service as indicated in the technical specifications.					
Item. No.	Description	Mileage / Tire Quantity	Unit	Unit Price	Extended Amount
0001	Lease Type A – 305-70R-22.5 Low Floor Buses – Six (6) tires per bus	318,384,000 Miles 8,844 Tires	Tires Miles p/year		
0002	Lease Type A – 305-70R-22.5 Articulated Ten (10) tires per bus	23,400,000 Miles 650 Tires	Tires Miles p/year		
0003	Lease Type B 305-75R-24.5 High Floor buses Six (6) tires per bus	10,800,000 Miles 300 Tires	Tires Miles p/year		
0004	Tire Services	12	months		
0005	Wheel Powder Coated	25 per year	Each		
0006	Price per 1/32 for Damaged Tire reimbursement calculation Type A 305-70R-22.5	1	Each		
0007	Price per 1/32 for Damaged Tire reimbursement calculation Type B 305-75R-24.5	1	Each		
0008	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation Type A 305-70R-22.5	1	Each		
0009	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation Type B 305-75R-24.5	1	Each		
				Total Price:	
				Base Year 1	

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BMNT TIRES		Base Year 2 Amendment A001	Price Schedule		
Item No.	Description	Mileage / Tire Quantity	Unit	Unit Price	Extended Amount
0001	Lease Type A – 305-70R-22.5 Low Floor Buses – Six (6) tires per bus	318,384,000 Miles 8,844 Tires	Tires Miles p/year		
0002	Lease Type A – 305-70R-22.5 Articulated Ten (10) tires per bus	23,400,000 Miles 650 Tires	Tires Miles p/year		
0003	Lease Type B 305-75R-24.5 High Floor buses Six (6) tires per bus	10,800,000 Miles 300 Tires	Tires Miles p/year		
0004	Tire Services	12	months		
0005	Wheel Powder Coated	25 per year	Each		
0006	Price per 1/32 for Damaged Tire reimbursement calculation Type A 305-70R-22.5	1	Each		
0007	Price per 1/32 for Damaged Tire reimbursement calculation Type B 305-75R-24.5	1	Each		
0008	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation Type A 305-70R-22.5	1	Each		
0009	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation Type B 305-75R-24.5	1	Each		
				Total Price: Base Year 2	

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BMNT TIRES		Base Year 3: Amendment A001	Price Schedule		
The Contractor shall furnish new tires, tubes, flaps and service as indicated in the technical specifications.					
Item No.	Description	Mileage / Tire Quantity	Unit	Unit Price	Extended Amount
0001	Lease Type A – 305-70R-22.5 Low Floor Buses – Six (6) tires per bus	318,384,000 Miles 8,844 Tires	Tires Miles p/year		
0002	Lease Type A – 305-70R-22.5 Articulated Ten (10) tires per bus	23,400,000 Miles 650 Tires	Tires Miles p/year		
0003	Lease Type B 305-75R-24.5 High Floor buses Six (6) tires per bus	10,800,000 Miles 300 Tires	Tires Miles p/year		
0004	Tire Services	12	months		
0005	Wheel Powder Coated	25 per year	Each		
0006	Price per 1/32 for Damaged Tire reimbursement calculation Type A 305-70R-22.5	1	Each		
0007	Price per 1/32 for Damaged Tire reimbursement calculation Type B 305-75R-24.5	1	Each		
0008	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation Type A 305-70R-22.5	1	Each		
0009	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation Type B 305-75R-24.5	1	Each		
				Total Price:	
				Base Year 3	

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BMNT TIRES	Option One(1) Amendment A001	Year			
The Contractor shall furnish new tires, tubes, flaps and service as indicated in the technical specifications.					
Price Schedule –					
Item No.	Description	Mileage / Tire Quantity	Unit	Unit Price	Extended Amount
0001	Lease Type A – 305-70R-22.5 Low Floor Buses – Six (6) tires per bus	318,384,000 Miles 8,844 Tires	Tires Miles p/year		
0002	Lease Type A – 305-70R-22.5 Articulated Ten (10) tires per bus	23,400,000 Miles 650 Tires	Tires Miles p/year		
0003	Tire Services	12	months		
0004	Price per 1/32 for Damaged Tire reimbursement calculation 305-70R-22.5	1	Each		
0005	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation 305-70R-22.5	1	Each		
				Total Price:	
				Option Year 1	

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BMNT TIRES	Option Year Two (2) Per Amendment A001				
The Contractor shall furnish new tires, tubes, flaps and service as indicated in the technical specifications.					
Item No.	Description	Mileage / Tire Quantity	Unit	Unit Price	Extended Amount
0001	Lease Type A – 305-70R-22.5 Low Floor Buses – Six (6) tires per bus	318,384,000 Miles 8,844 Tires	Tires Miles p/year		
0002	Lease Type A – 305-70R-22.5 Articulated Ten (10) tires per bus	23,400,000 Miles 650 Tires	Tires Miles p/year		
0003	Tire Services	12	months		
0004	Price per 1/32 for Damaged Tire reimbursement calculation 305-70R-22.5	1	Each		
0005	Most Favored customer price for new tire to be used in Lost Tire reimbursement calculation 305-70R-22.5	1	Each		
				Total Price:	

BMNT TIRES	DATE:		
The Contractor shall furnish new tires, tubes, flaps and service as indicated in the technical specifications.			
Total Schedule			
Base Year One (1)			
Base Year Two (2)			
Base Year Three (3)			
Option Year One (1)			
Option Year Two (2)			
Estimated Grand Total Price:			

 Authorized Signature

 Company Name

 Date

Amendment A001 (revised 11/9/17)

Background

This Contract/Lease furnishes all labor, equipment and material necessary for the leasing of new radial tires and provide complete tire support services for WMATA's fleet of approximately 1589 buses. The buses are located at the various Bus Divisions throughout District of Columbia, Maryland and Virginia (locations of bus divisions are included with this section). Re-capped, retreads, or blemished tires will not be accepted, *re-grooved tires are permitted per Section 6.1.*

Also the Contractor will manage inspections of tires, refurbishing, cleaning of the steel and aluminum wheels and ensure that tire and wheel assembly is assembled correctly and meets all of the Maintenance requirements of the specific wheel Manufacturers as well as WMATA's additional requirements identified herein.

No bus shall be kept from next day revenue service due to tire maintenance.

This Contract/Lease does not require individual serialization of tires.

2.0 Contractor's Tire Responsibilities

- 2.1) Provide sufficient quantities of new leased tires to all WMATA Bus Facilities and Divisions to ensure that no bus is kept from next day revenue service because of the non-availability of tires.
- 2.2) Be responsible for the following tire and wheel services to include, but not limited to, the services outlined below. Tire services must be performed **within (1) business day** to ensure that no bus is kept from next day revenue service due to the Contractors' failure to perform required tire services.
 - 2.2.1) Provide a detailed list of all equipment to be used in the performance of this Contract/Lease (*to be included with Offeror's technical proposal*). Furnish all labor, equipment and materials to mount tires on wheels, remove tires from wheels, and make necessary repairs to tires. To ensure optimal operating condition, the Contractor must submit documentation that tire balancer and tire changer equipment has received annual maintenance, which includes inspection and necessary calibration (*to be included with Offeror's technical proposal*). WMATA reserves the right to inspect equipment used in the performance of this Contract/Lease. The Contractor's employees are responsible for mounting and dismounting of tires and be properly trained and familiar with operating procedures regarding manual and machine methods.
 - 2.2.2) Supply all labor and equipment necessary to load, unload and transport tires.
 - 2.2.3) Mount tires onto wheels.
 - 2.2.4) Inspect all bus tires for tread depth, defects, adversities, or damage, including defective or leaking valves, defective or loose valve stems, and missing valve caps. Inspect tires for evidence of irregular wear that may occur as a result of mechanical adversities. All buses will be

inspected within a fourteen-day calendar interval. Tires that do not meet standards or possess defects, adversities, or damage will be removed.

- 2.2.5) Repair tires, when applicable, per the latest Rubber Manufacturers Association best industry practices and guidelines.
- 2.2.6) Balance front wheel and tire assemblies prior to installation onto WMATA buses.
- 2.2.7) Supply scrap tires to WMATA in quantities sufficient to support the buses scheduled for disposal, and provide new tires for buses being purchased. WMATA shall notify Contractor at least two (2) months in advance of any upcoming bus retirements and new bus purchases.

Note: WMATA typically purchases approximately (100) buses per year, based on funding availability. This will result in the retirement of approximately (100) buses per year at the end of their lifecycle.

- 2.2.8) Quantity of 305-75R-24.5 tires required may depend upon usage of tires by WMATA.
- 2.2.9) Contractor must provide compressed air equipment as necessary at each Bus Division to fill tires to the required tire pressure in the internal tire facility's areas and on the Bus Division lots. Since the tire pressures vary depending on vehicle and axle, the Contractor shall fill all newly mounted tires to the maximum current tire pressure requirement of 130 psi. When inspecting tires on buses at each Division, tires on buses must be adjusted up or down to meet the pressure requirement for each axle position per the "TP ___" label affixed to each Bus adjacent to that tire location. If the label is missing or unreadable, the correct tire pressure shall be requested from the Division Superintendent, Supervisor or Lead person on duty. (Tire pressures vary from 105 psi to 130 psi.) Visually and physically check tire conditions on each bus and report any vehicle out of specification conditions not related to tire inflation that may be affecting the tires to the Division Superintendent or Shift Supervisors in writing. Tire pressure checks will be performed on a minimum of ten (10) buses a day or 50 buses a week at each garage.

Note: WMATA Personnel will be responsible for ensuring that tire pressure on any newly mounted tire and wheel assembly is adjusted as necessary if the tire pressure of the new tire is different than the tire pressure listed on the TP label on the bus.

3.0) Contractor's Wheel Responsibilities

3.1) Wheel Inspection and Refurbishing (Steel Wheels)

- 3.1.1) Contractor is responsible for refurbishing used wheels to include performing minor repairs, cleaning, and powder coating. The Contractor shall inspect and perform minor repairs necessary to ensure tires can be safely mounted / secured to the bus. All steel wheels must be re-powder coated when the painted surfaces exhibit damage or corrosion (rust) or flaking, with special attention to the flanges (wheel mounting surfaces). Before powder coating, all scale, loose paint and grease must be removed from each wheel utilizing a high-pressure sprayer, and each wheel must be steel shot-blasted to remove all rust and paint. More than one cycle may be required to be performed before wheels are suitably cleaned for powder coating.
- 3.1.2) Wheel cleaning and powder coating must be done in compliance with OSHA rules and regulations. The Contractor will furnish and maintain all facilities and equipment required to perform this service. No WMATA facility or equipment will be available for cleaning and powder coating steel wheels.

- 3.1.3) The Contractor must refurbish steel wheels on a minimum of 500 buses per year. Refurbishing will not exceed two (2) weeks per wheel. The Contractor is responsible for transporting wheels from WMATA to its' facility for wheel refurbishing, and returning the wheels to WMATA when finished. All costs and logistics associated with the transporting of wheels will be the responsibility of the Contractor.
- 3.1.4) The Contractor is also responsible for powder coating all new steel replacement wheels, with a WMATA approved product, currently the approved product is Interpon A4000 BU Powder Coating, QW111Q, 156M142-E Sparkle Silver Metallic (Interpon A4000: Alloy Wheel Basecoat). Thickness shall not exceed 3.5 mil. WMATA reserves the right to approve any equivalent powder coating product the contractor shall propose. WMATA currently has adequate wheels to provide replacement for damaged wheels.
- 3.2) Wheel Inspection and Cleaning (Aluminum Wheels)

Note: Contractor must use the approved cleaning solution as listed below when cleaning the aluminum wheels. Any other cleaner used may damage or compromise the aluminum wheels. Contractor shall be responsible for any damages resulting in the use of non-approved cleaners or processes.

- 3.2.1) Contractor is responsible for inspecting the aluminum wheels per the Manufacturer's (Alcoa) specifications per Section 2 listed in the latest version of the Alcoa Wheel Service Manual. Wheels must be cleaned prior to the inspection. Wheel inspections shall consist of all of the following areas: wheel alteration, heat damage, dimension checks, cracked or damaged wheel checks, mounting area, corrosion, bolt holes, disc area, rim area, bead seat area, rim flange area and proper Dura-Brite cleaning and maintenance.
- 3.2.2) Contractor is responsible for cleaning and inspecting the wheel each time the tire is dismounted from the wheel. Mounting of tires must be done in accordance per Section 3 of the latest revision of the Alcoa Wheel Service Manual.
- 3.2.3) Cleaning will be performed at each Bus Division using a WMATA approved cleaner. All external surfaces and features shall be cleaned. A petroleum based type product, shall be used for cleaning tar or debris not removed by brush and the approved solution.
- 3.2.4) Contractor shall provide a cleaner which is subjected to WMATA approval, currently the approved cleaner is Fast-N-Green concentrated cleaner, manufactured by InPlant Systems. Contractor is responsible for purchasing all brushes and other supplies required to clean the wheels at each Bus Division. A list of WMATA recommended brushes is listed below in Section 3.3.
- 3.2.5) Cleaning the wheels also will be done when wheel and tire assemblies are removed from the front of the buses and returned to the tire area for reassignment to the rear axle on that or another bus in groups of four.
- 3.2.6) The Contractor shall inspect and perform minor repairs necessary per the Alcoa Wheel Service Manual to ensure tires can be safely mounted and secured to the bus. WMATA currently has adequate wheels to provide replacement for damaged wheels.
- 3.2.7) Any and all cleaning equipment shall be provided by the Contractor. WMATA will provide water to facilitate the cleaning of the wheels or wheel and tire assemblies at each Bus Division tire mounting area.

3.3) Cleaning Brushes and Special Notes

3.3.1) Cleaning Brushes (To be purchased by Contractor):

A) List of WMATA recommended Brushes appropriate for cleaning Alcoa aluminum wheels:

i). 5" x 5" Scrub Brush - for cleaning most wheel surfaces.

B) ii). 3-1/2" Diameter Bottle Brush - for cleaning wheel surfaces and hand holes Brush & Handle for cleaning lugnut holes contaminated with galvanic corrosion from sleeved capnuts:

i). 1.30" Diameter Stainless Steel Spiral Heat Exchanger Brush.

ii). 1-1/8" Diameter Black Phenolic Fluted Handle with 5/16-18 Threaded Stem - for use with 1.30" Diameter brush, above.

Special Note #1:

Alcoa aluminum wheels have a 1" clear "Heat Indicator Disc" affixed to the (external) wheel surface next to the stamped wheel part number & manufacturing data area, and another label affixed to the (internal) tire area. In the event that the external heat indicator disc is damaged or somehow becomes removed from the wheel, and the internal heat indicator disc indicates that the wheel has not sustained any heat damage and is acceptable for use, the Contractor shall follow any specific WMATA Procedures for re-identifying wheels as "Acceptable for Use" so that a tire can be mounted onto a wheel.

Special Note #2:

Cleaning the wheel surfaces of dirt and tar shall be limited in scope to areas not including galvanic corrosion or rear dual wheel damage on the wheel flange areas. Cleaning the wheels as best as possible in these area will be acceptable, but WMATA may introduce a "wheel protection disc" device that will prevent galvanic corrosion or dual wheel damage. Cleaning of those surfaces will be specifically addressed at that time.

3.4) Damaged Wheels

Upon Inspection, if any wheels are found to be damaged beyond repair, the Contractor shall identify the defect for each wheel by using a RED Paint Pen and segregating the wheels. When a minimum of five (5) or a maximum of ten (10) wheels have been determined to be no longer acceptable for use, the Division Superintendent or his or her Designee shall inspect the wheels and confirm the defects noted. At that time, the Division Superintendent or their Designee shall have a BMNT Employee dispose of the wheels in the scrap-metal dumpster bin.

3.5) Replacement Wheels

Upon confirmation of any scrapped wheels, the Contractor shall request replacement wheels as needed from the Division Superintendent or their Designee to support the Division's requirements. At that time, WMATA BMNT shall provide replacement wheels for use. These

wheels may be new wheels, or previously used wheels that are still functionally and aesthetically acceptable for use.

Contractor's Performance and Acceptance Standards

4.0 Contractor's Tire and Wheel Reporting Responsibilities

Records will be maintained on a monthly basis for each Bus Division with the following information:

- 4.1) Inventory of tires at each location every month is required. The inventory information will be verified by the appropriate Division Superintendent.
- 4.2) Monthly reports shall include the following information per Bus Division:
 - (a) Beginning and ending balance of tire quantities on-hand;
 - (b) Rolling tires on vehicles, including spares, by quantity;
 - (c) Tires removed from service and reason for removal;
 - (d) Steel wheels removed from service because of damage or defect;
 - (e) Aluminum wheels removed from service because of damage or defect;
 - (f) Provide tire mileage for each type of tire in the fleet;
 - (g) Monthly report on refurbished steel wheels;
 - (h) Monthly report on cleaned aluminum wheels;
 - (i) Monthly report on all tire misalignments, air pressure checks and adjustments.

5.0 Contractor's Employees

- 5.1) Contractor shall identify primary and secondary contact persons for daily management of this Contract/Lease. These contact persons shall be employed by the Contractor. WMATA shall be provided with cell phone, pager, and email information for 24/7 communication or emergencies.
- 5.2) Contractor shall provide a minimum of fourteen (14) full-time Contractor employees, or as many employees to meet the needs of the Bus Divisions listed herein, working a normal forty (40) hour week Monday through Friday 6:30 am to 3:00 pm to service the tires on WMATA property, exclusively. Employees will be assigned to Bus Divisions in accordance with Bus Division demands. The staff shall consist of a minimum of thirteen (13) tire service mechanics and one (1) Supervisor. The Supervisor shall be responsible for managing all of the Contractor's Employees at all WMATA Divisions. The number of tire service personnel assigned to this Contract/Lease may be increased or decreased by mutual agreement between the Authority and the Contractor.
- 5.3) Contractor will provide a vehicle for its employees to transport tires to various bus locations.
- 5.4) All Contractor employees assigned to this Contract/Lease must be trained / certified to operate a forklift. WMATA can provide training if necessary.
- 5.5) All Contractor Employees assigned to working on WMATA property must be registered for and attend a WMATA Safety Training class.

Technical Specifications

6.0) Tire and Miscellaneous Situation Specifications

- 6.1) **New Tires:** The leased tires provided under this Contract/Lease shall be new, radial, Type "A", 305-70R-22.5 tires with a minimum load range of L and a minimum speed rating of 68 mph, and new, radial, Type "B", 305-75R-24.5 tires with a minimum load range of H and a minimum speed rating of 55 mph. The Contractor will supply a specification chart for each tire type proposed. All tires supplied shall be capable to use on heavy duty transit buses in both city and highway environments. Reference the Tire Type chart found later in this Technical Specification for additional details.

Regrooved Tires: Regrooved tires may be used as a substitution for Type "B", (305-75R-24.5" only. Regrooved tires will be in accordance with the standards set forth in the Federal Motor Vehicle Safety Standards, Volume 49 of the Code of Federal Regulations (CFR), Part S71 from the U.S. Department of Transportation. NOTE: Type A tires cannot be regrooved.

Performance Schedules

6.2) Run Out Provisions

- 6.2.1) In the event the Authority changes contractors at the expiration of this Contract/Lease, a thirty (30) day written notice prior to the expiration date of this Contract/Lease will be issued. WMATA may elect to continue using (run out) all the tires in WMATA's possession. This will be done at the mileage rates in effect during the twelve (12) months prior to expiration until such time that the tires are permanently removed from service. In no event shall such period exceed thirty-six (36) months after the normal termination date. During said "run out" period, all terms and conditions of the Contract/Lease shall continue in effect with respect to the tires provided. However, the contractor shall not be obligated to furnish any service to WMATA or to furnish replacement tires, tubes, flaps or repair materials for those tires removed from service.
- 6.2.2) At the expiration/termination of contract period, the successful bidder/Offeror (if other than the current provider) shall purchase from the current Contract/Lease provider all usable tires in circulation on the WMATA bus fleet. The purchase shall be calculated utilizing the current contract rate per tire mile at contract end or termination multiplied by remaining unused tire miles. No additional costs or penalties are to be assessed to WMATA at termination of Contract /Lease or when a tire is removed from service for whatever reason.

6.3) Leased Buses

- 6.3.1) WMATA reserves the right to operate any bus not owned by the Authority (leased) pursuant to the lease agreement and/or other arrangement with the owner of the buses (herein called leased buses). WMATA agrees (a) to notify Contractor immediately of the agreement, and (b) that the leased buses operated by WMATA shall be subject to the terms and conditions of this Contract/Lease.

6.4) Future Vehicle Purchases and Mid- Life Rehab Support

6.4.1) During the performance of this Contract/Lease, WMATA may lease or purchase additional buses. If WMATA purchases new buses with leased tires, Contractor shall deliver to the North American bus manufacturer or port of demarcation, the new tires. WMATA shall give the Contractor not less than 60 days written notification of tire quantities and delivery dates. If any such buses equipped with tires furnished by the Contractor shall be driven over land instead of being shipped, WMATA shall pay the Contractor the following month for use of the tires. Any tires lost, stolen, or damaged while in the possession of the bus manufacturer, dealer, or seller, or while the bus is being delivered shall be paid for by WMATA. A separate rate shall be negotiated for any other mark/model vehicles or different size and/or construction type of tire not shown in specifications, which are placed in service during the term of the Contract/Lease.

6.42) WMATA typically performs a midlife rehab program on a continuous basis on its fleet, resulting in approximately two (2) buses per week requiring new tires.. Contractor shall coordinate with Overhaul Shop and affected Division to replace tires on WMATA buses per the existing guidelines and requirements for operational Division use as stated within this Contract/Lease.

6.5) Tire Testing

6.5.1) WMATA reserves the right to test tires of a make other than the contractor's brand, on Authority vehicles. The number of vehicles equipped with test tires shall not exceed 5% (75 buses) of the fleet at any one time. If necessary the Contractor may be required to service test tires.

6.6) Liquidated Damages

6.6.1) Liquidated damages shall be assessed if a bus is unable to return to revenue service due to the unavailability of contractor tires or tire service a sum of \$359.44 for each bus for each calendar day of delay. Please see Chapter II, Article -8 Liquidated Damages.

6.7) Final Tire Deliveries

6.7.1) No tires shall be delivered within six (6) months prior to the expiration date of the Contract/Lease without written approval from the Authority.

6.8) Damaged / Lost Tires

6.8.1) Tires which are damaged beyond repair by an accident, fire or malicious abuse, vandalism, lost or stolen (attributed to the Authority's negligence) shall be paid for by paying the remaining mileage thereon determined by multiplying the number of 32nds of an inch of rubber remaining by the applicable cost per 32nds. When a tire is not available for inspection reimbursement shall not be in excess of fifty percent 50% of the current value of a similar tire, unless Contractor can provide an auditable accounting of the tire's accurate mileage just prior to the loss. All tires that are damaged or lost due to the Contractor's actions or omissions shall be replaced at no cost to the Authority.

6.9) Sold Buses

6.9.1) WMATA shall notify the Contractor a minimum of sixty (60) days prior to the date of retiring any bus. At that time, the Contractor shall remove the existing usable tires and install scrap tires per Section 2.1.7. In the event the scrap tires are not available the contractor shall provide No-Value Tires. It is understood that these buses will not, under any circumstances, be used on any public

road or highway, nor to be used to transport any person. These No-Value Tires will be used for the sole and exclusive purpose of equipping the Authority's obsolete or out of service buses.

6.10) Inactive Buses

6.10.1) If WMATA renders a vehicle inactive through discontinuance of its business or discontinues the use of any vehicles for a period of 180 days, the Contractor may request permission from WMATA to remove tires from inactive vehicles and replace acceptable tires with scrap tires. The Contractor may apply the tires removed from inactive vehicles to active vehicles. However, the Contractor shall replace scrap tires with usable tires once the inactive vehicle becomes an active vehicle.

Tire Type Chart

Type	Tire Size	Tire and Total (Approximate) Bus Quantities
Type A	305-70R-22.5, Load Range L, Speed Rating 68 MPH minimum Single load 7,830 lbs. Double load 7,390 lbs.	6 tires per 40 ft. Bus & 10 tires per 60 ft. Articulated Bus (1,440 (40 ft.) and 65 (60 ft.) Buses)
Type B	305-75R-24.5, Load Range H, Speed Rating 55 MPH minimum Single load 8,270 lbs. Double load 7,160 lbs.	6 tires per Bus (75 Buses)

Tire Definition Chart

Type	Tire Size
Usable Tire	A tire must have at least 4/32" tread depth for a tire installed on the front axle, while a tire installed on the center axle or rear axle must have at least 2/32" of tread depth.
Scrap Tire	A tire that has at least 2/32" of tread depth and has no damage that exposes the fabric or belt of the tire
No-Value Tires	A tire that is supplied by the contractor that is deemed unfit for use, which under no circumstance will the contractor be held responsible for the tire. The Authority will not use any No-Value Tires on any public roads, carry passengers, or otherwise operate the vehicle.

Location of work and any constraints

Locations and number of buses are subject to change.

(NOTE WMATA's Transit Buses average 36,000 Miles / Year)

Facility / Division	Division Address	Number of Buses
Bladensburg (HOMT)	2250 26th Street, N.E. Washington, DC 22203	(Continuous / Rehab)
Bladensburg (BLMT)	2251 26th Street, N.E. Washington, DC 22203	279
Four Mile Run (FMMT)	3501 S. Glebe Road Arlington, VA 22202	220
Landover (LNMT)	3433 Pennsy Drive Landover, MD 20785	190
Montgomery (MOMT)	5400 Marinelli Road Rockville, MD 20852	216
Northern (NOMT)	4615 14th Street, N.W. Washington, DC 20011	176
Southern Ave. (SAMT)	1301 Boone's Hill Road Coral Hills, MD 20743	82
Shepherd Parkway (SPMT)	2 DC Village Lane S.W. Washington, DC 20032	211
Western (WEMT)	5230 Wisconsin Ave, N.W. Washington, DC 20016	117
West Ox (WOMT)	4907 Alliance Drive Fairfax, VA 22030	98
Cinder Bed (CBMT)	7901 Cinder Bed Road, Lorton Va. 22079	TBD – Opening 2018
Andrews (ANMT)	7541 Andrews Federal Campus Dr. Suitland MD 20746	TBD – Opening 2019

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FOR INFORMATIONAL PURPOSES ONLY**WMATA Tire and Wheel Projected Usage**

Item #1) 37 Foot & 42 Ft Low Floor Buses Type A (Six (6) 305-70R-22.5" Wheels / Bus)

No.	Fleet	Bus Nos.	Description	# Buses	# Tires	Notes
1	27	6001-6050	2006 New Flyer Hybrids	50	300	
2	31-34	2501-2685 2701-2730 3001-3035	2005 Orion-VII CNG	250	1,500	
3	37	6101-6217	2006 New Flyer Clean Diesel	117	702	
4	38	2801-2825	2007 New Flyer CNG	25	150	
5	42	3751-3770	2008-2009 New Flyer Hybrid	20	120	
6	43,45	6301-6609	2008-2009 New Flyer Hybrid	308	1,848	
7	46	7001-7100 7153-7167 7168-7263	2011-2012 New Flyer Hybrid	211	1,266	
8	47	7101-7152	2012 New Flyer Hybrid	52	312	
9	48	3036-3062	2012 Orion-VII Diesel	27	162	
10	49	3063-3087	2012 Orion-VII Hybrid	25	150	
11	50	7264-7272	2013 New Flyer Hybrid	9	54	
12	52	8001-8095	2014 NABI Hybrid	95	570	
13	53	8096-8105	2014 NABI Hybrid	10	60	
14	55	2830-2993	2015 New Flyer CNG	164	984	
15	56	7300-7355	2016 New Flyer Hybrid	56	336	

16	57	7356-7409	2016 New Flyer Hybrid (Dual Coolant)	54	324	
17	58	1001	2016 New Flyer Electric	1	6	
			>>>> Total	1474	8,844	8,844 Tires X 36,000 Miles / Year = 318,384,000 Bus Tire Miles / Year

Item #2) 60 Foot Artic Low Floor Buses Type A (Ten (10) 305-70R-22.5" Wheels / Bus)

No.	Fleet	Bus Nos.	Description	# Buses	# Tires	Notes
1	39	5401-5422	2009 NABI CNG Artic	22	220	
2	44	5431-5452	2009 New Flyer Hybrid Artic	22	220	
3	54	5460-5480	2015 New Flyer Hybrid Artic	21	210	
			>>>> Total	65	650	650 Tires X 36,000 Miles / Year = 23,400,000 Bus Tire Miles / Year

Item #3) 40 Foot High Floor Buses Type B (Six (6) 305-75R-24.5" Wheels / Bus)

No.	Fleet	Bus Nos.	Description	# Buses	# Tires	Notes
1	26	2100-2231	2000 Orion-V Diesel	50	300	Remaining buses in Service
			>>>> Total	50	300	300 Tires X 36,000 Miles / Year = 10,800,000 Bus Tire Miles / Year

FOR INFORMATIONAL PURPOSES ONLY