Master Purchase Order

DO NOT INVOICE TO THIS ADDRESS
City & County of Denver
Purchasing Division
201 West Colfax Avenue, Dept. 304
Denver, CO 80202
United States
Phone: 720-913-8100 Fax: 720-913-8101

DENVER
THE MILE HIGH CITY

Master Purchase Order No.			0135A0117
Date:	July 18, 2017	Revision No.	
Payment Terms	Net 30	Ordinance (as applicable):	
Freight Terms	DESTINATION		
Ship Via	Best Way		
Buyer:	Andrew Miskell		
Phone:	(720) 913-8159		

Phone: (720) 233-1951 Fax: (303) 287-6662 Email: mdolsby@goodyear.com

The Goodyear Tire & Rubber Company
200 Innovation Way
Akron, OH 44316
Attn: Michael Dolsby

Colorado Secretary of State ID:19871024158
U.S. Federal SAM Registry Verification Date: 07/13/2017

Ship To: Various City and County of Denver locations

Bill To: Accounts Payable
201 West Colfax Department 908
Denver, Colorado 80202
invoices@denvergov.org
or
As Specified By Agency

1. **Goods/Services:**
The Goodyear Tire & Rubber Company, a foreign corporation located in the State of Ohio, ("Vendor") shall provide the goods, and any services related thereto, identified and described on attached **Exhibit A**, to the City and County of Denver, a Colorado municipal corporation (the "City"), all in accordance with the terms and conditions of this Master Purchase Order.
2. **Ordering:**
The City shall purchase one or more of the goods/services by issuing a written purchase order(s) or similar appropriate written document ("Order"), each of which will be deemed incorporated into this Agreement for purposes of such Order only.
3. **Pricing:**
The pricing/rates for the goods/services is contained on **Exhibit A** and shall be held firm for the term of this Master Purchase Order.
4. **Term, Extension, and Renewal:**
The effective period of the annual contract or agreement shall be from the date of City signature to and including **July 31, 2018**. It is also a specific provision of this agreement that the City and the vendor may mutually agree to renew and continue this agreement for additional periods at the same price structure, terms and conditions. However, no extension date may surpass **July 31, 2022.**
5. **Non-Exclusive:**
This Master Purchase Order is non-exclusive. City does not guarantee any minimum purchase other than as provided herein.
6. **Inspection and Acceptance:**
City may inspect all goods/services prior to acceptance. Payment does not constitute acceptance. Vendor shall bear the cost of any inspection/testing that reveal goods/services that are defective or do not meet specifications. City's failure to accept or reject goods/services shall not relieve Vendor from its responsibility for such goods/services that are defective or do not meet specifications nor impose liability on City for such goods/services. If any part of the goods/services are not acceptable to City, City may, in addition to any other rights it may have at law or in equity: (1) make a warranty claim; (2) repair and/or replace the goods or substitute other services at Vendor's expense; or (3) reject and return the goods at Vendor's cost and/or reject the services at Vendor's expense for full credit. Any rejected goods/services are not to be replaced without written authorization from City, and any such replacement shall be on the same terms and conditions contained in this Master Purchase Order. Vendor shall perform all services in accordance with the standard of care exercised by highly competent vendors who perform like or similar services.
7. **Shipping, Taxes and Other Credits and Charges:**
All pricing is F.O.B. destination unless otherwise specified. Shipments must be marked with Vendor's name, the Master Purchase Order number, and contain a delivery or packing slip. Vendor shall not impose any charges for boxing, crating, parcel post, insurance, handling, freight, express or other similar charges or fees. Vendor shall notify City in writing of any price decreases immediately, and City shall receive the benefit thereof on all unshipped items. Vendor shall comply with any additional delivery terms specified herein. Vendor shall be responsible for the cleanup and reporting of any contamination (environmental or otherwise) or spillage resulting from the delivery and/or unloading of goods within twenty-four (24) hours of the contamination or spillage or sooner if required by law. Vendor shall procure all permits and licenses; pay all charges, taxes and fees; and give all notices necessary and incidental to the fulfillment of this Master Purchase Order and all cost thereof have been included in the prices contained herein. City shall not be liable for the payment of taxes, late charges or penalties of any nature, except as required by D.R.M.C. § 20-107, et seq. The price of all goods/services shall reflect all applicable tax exemptions. City's Federal Registration No. is 84-6000580 and its State Registration No. is 98-02890. Vendor shall pay all sales and use taxes levied by City on any tangible personal property built into the goods/services. Vendor shall obtain a Certificate of Exemption from the State of Colorado Department of Revenue prior to the purchase of any materials to be built into the goods/services and provide a copy of the Certificate to City prior to final payment.
8. **Risk of Loss:**
Vendor shall bear the risk of loss, injury or destruction of goods prior to delivery to City. Loss, injury or destruction shall not release Vendor from any obligation hereunder.

9. Invoice:

Each invoice shall include: (i) the Purchase Order number; (ii) individual itemization of the goods/services; (iii) per unit price, extended and totaled; (iv) quantity ordered, back ordered and shipped; (v) an invoice number and date; (vi) ordering department's name and "ship to" address; and (vii) agreed upon payment terms set forth herein.

10. Payment:

Payment shall be subject to City's Prompt Payment Ordinance D.R.M.C. § 20-107, et-seq. after City accepts the goods/services. Any other provision of this Agreement notwithstanding, in no event shall the City be liable for aggregate payments under this Master Purchase Order in excess of **Two Million Dollars ($2,000,000.00)**. The Vendor acknowledges that any goods/ services provided beyond those specifically described in **Exhibit A** are performed at Contractor's risk and without authorization from the City. City's payment obligations hereunder, whether direct or contingent, shall extend only to funds appropriated by the Denver City Council for the purpose of this Master Purchase Order, encumbered by the City after receipt of Vendor's invoice and paid into the Treasury of City. Vendor acknowledges that: (i) City does not by this Master Purchase Order, irrevocably pledge present cash reserves for payments in future fiscal years; and (ii) this Master Purchase Order is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of City. City may setoff against any payments due to Vendor any claims and/or credits it may have against Vendor under this Master Purchase Order.

11. Amendments/Changes:

Only the Manager of General Services or his delegate is authorized to change or amend this Master Purchase Order by a formal written change order. Any change or amendment that would cause the aggregate payable under this Master Purchase Order to exceed the amount appropriated and encumbered for this Master Purchase Order is expressly prohibited and of no effect. Vendor shall verify that the amount appropriated and encumbered is sufficient to cover any increase in cost due to changes or amendments. Goods/services provided without such verification are provided at Vendor's risk. The Vendor has no authority to bind City on any contractual matters.

12. Warranty:

Vendor warrants and guarantees to City that all goods furnished under this Purchase Order shall have the full benefit of the Manufacturer's standard warranty and that any professional services associated with the goods, or stand alone professional services under $10,000, shall be performed in a workmanlike and professional manner with the degree of skill and judgment normally exercised by recognized professionals performing services of the same or substantially similar nature. Vendor shall be fully responsible for any and all warranty work, regardless of third party warranty coverage. Vendor shall furnish additional or replacement parts at the same prices, conditions and specifications delineated herein.

13. Indemnification/Limitation of Liability:

Vendor shall indemnify and hold harmless City (including but not limited to its employees, elected and appointed officials, agents and representatives) against any and all losses (including without limitation, loss of use and costs of cover), liability, damage, claims, demands, actions and/or proceedings and all costs and expenses connected therewith (including without limitation attorneys' fees) that arise out of or relate to any claim of infringement of patent, trademark, copyright, trade secret or other intellectual property right related to this Master Purchase Order or that are caused by or the result of any act or omission of Vendor, its agents, suppliers, employees, or representatives. Vendor's obligation shall not apply to any liability or damages which result solely from the negligence of City. City shall not be liable for any consequential, incidental, indirect, special, reliance, or punitive damages or for any lost profits or revenues, regardless of the legal theory under which such liability is asserted. In no event shall City's aggregate liability exceed the agreed upon cost for those goods/services that have been accepted by City under this Master Purchase Order. Notwithstanding anything contained in this Master Purchase Order to the contrary, City in no way limits or waives the rights, immunities and protections provided by C.R.S. § 24-10-101, et seq.

14. Termination:

City may terminate this Master Purchase Order, in whole or in part, at any time and for any reason immediately upon written notice to Vendor. In the event of such a termination, City's sole liability shall be limited to payment of the amount due for the goods/services accepted by City. Vendor acknowledges the risks inherent in this termination for convenience and expressly accepts them. Termination by City shall not constitute a waiver of any claims City may have against Vendor.

15. Interference:

Vendor shall notify the Director of Purchasing immediately of any condition that may interfere with the performance of Vendor's obligations under this Master Purchase Order and confirm such notification in writing within twenty-four (24) hours. City's failure to respond to any such notice shall in no way act as a waiver of any rights or remedies City may possess.

16. Venue, Choice of Law and Disputes:

Venue for all legal actions shall lie in the District Court in and for City and County of Denver, State of Colorado, and shall be governed by the laws of the State of Colorado as well as the Charter and Revised Municipal Code, rules, regulations, Executive Orders, and fiscal rules of City. All disputes shall be resolved by administrative hearing, pursuant to the procedure established by D.R.M.C.§ 56-106. Director of Purchasing shall render the final determination.

17. Assignment/No Third Party Beneficiary:

Vendor shall not assign or subcontract any of its rights or obligations under this Master Purchase Order without the written consent of City. In the event City permits an assignment or subcontract, Vendor shall continue to be liable under this Master Purchase Order and any permitted assignee or subcontractor shall be bound by the terms and conditions contained herein. This Master Purchase Order is intended solely for the benefit of City and Vendor with no third party beneficiaries

18. Notice:

Notices shall be made by Vendor to the Director of Purchasing and by City to Vendor at the addresses provided herein, in writing sent registered, return receipt requested.

19. Compliance With Laws:

Vendor shall observe and comply with all federal, state, county, city and other laws, codes, ordinances, rules, regulations and executive orders related to its performance under this Master Purchase Order. City may immediately terminate this Master Purchase Order, in whole or in part, if Vendor or an employee is convicted, plead nolo contendre, or admits culpability to a criminal offense of bribery, kickbacks, collusive bidding, bid-rigging, antitrust, fraud, undue influence, theft, racketeering, extortion or any offense of a similar nature.

20. Insurance:

Vendor shall self-insure or secure, before delivery of any goods/services, the following insurance covering all operations, goods and services provided to City. Vendor shall keep the required insurance coverage in force at all times during the term of the Master Purchase Order, or any extension thereof, during any warranty period. The required insurance shall be underwritten by an insurer licensed to do business in Colorado and rated by A.M. Best Company as "A-"VIII or better. Each policy shall contain a valid provision or endorsement requiring notification to the City in the event any of the required policies be canceled or non-renewed before the expiration date thereof. Such written notice shall be sent to the parties identified in the Notices section of this Agreement. Such notice shall reference the City contract number listed on the signature page of this Agreement. Said notice shall be sent in accordance with policy provisions. If such written notice is unavailable from the insurer, contractor shall provide written notice of cancellation, non-renewal and any reduction in coverage to the parties identified in the Notices section by certified mail, return receipt requested referencing the City's contract number. Vendor shall be responsible for the payment of any deductible or self-insured retention. The insurance coverages specified in this Master Purchase Order are the minimum requirements. Risk Management reserves the right to require additional policies and/or limits based on agreement scope of work. Vendor shall provide a copy of this Master Purchase Order to its insurance agent or broker. Vendor may not commence services or work relating to the Master Purchase Order prior to placement of coverage. Contractor certifies that the attached certificate of insurance attached to the Master Purchase Order documents, preferably an ACORD certificate, complies with all insurance requirements of this Master Purchase Order. The City's acceptance of a certificate of insurance or other proof of insurance that does not comply with all insurance requirements set forth in this Master Purchase Order shall not act as a waiver of Vendor's breach of this Master Purchase Order or any of the City's rights or remedies under this Agreement. Vendor's insurer shall name as Additional Insured to its Business Auto Liability policy the City and County of Denver, its elected and appointed officials, employees and volunteers. All sub-contractors and sub-consultants (including independent contractors, suppliers or other entities providing goods/services required by this Master Purchase Order) shall be subject to all of the requirements herein and shall procure and maintain the same coverages required of Vendor. Vendor shall provide proof of insurance for all such entities upon request by City. For Worker's Compensation Insurance, Vendor shall maintain the coverage as required by statute for each work location and shall maintain Employer's Liability insurance with limits of $100,000 for each bodily injury occurrence claim, $100,000 for each bodily injury caused by disease claim, and $500,000 aggregate for all bodily injuries caused by disease claims. Vendor expressly represents to City, as a material representation upon which City is relying, that none of the Vendor's officers or employees who may be eligible under any statute or law to reject Workers' Compensation Insurance shall effect such rejection during any part of the term of this Master Purchase Order, and that any such rejections previously effected, have been revoked. Vendor shall maintain Commercial General Liability coverage with limits of $1,000,000 for each occurrence, $1,000,000 for each personal and advertising injury claim, $2,000,000 products and completed operations aggregate, and $2,000,000 policy aggregate. Vendor shall maintain Business Auto Liability coverage with limits of $1,000,000 combined single limit applicable to all owned, hired and non-hired vehicles used in performing services under this Master Purchase Order. Commercial General Liability self-insured coverage, the policy must provide the following: (i) That this Master Purchase Order is covered; (ii) Defense costs in excess of policy limits, (iii) A severability of interests, separation of insureds or cross liability provision; and (iv) A provision that coverage is non-contributory with other coverage or self-insurance provided by City. For claims-made coverage, the retroactive date must be on or before the first date when any goods or services were provided to City. Vendor must advise the City in the event any general aggregate or other aggregate limits are reduced below the required per occurrence limits. At their own expense, and where such general aggregate or other aggregate limits have been reduced below the required per occurrence limit, the Contractor will procure such per occurrence limits and furnish a new certificate of insurance showing such coverage is in force.

21. Severability:

If any provision of this Master Purchase Order, except for the provisions requiring appropriation and encumbering of funds and limiting the total amount payable by City, is held to be invalid, illegal or unenforceable by a court of competent jurisdiction, the validity of the remaining portions or provisions shall not be affected if the intent of City and Vendor can be fulfilled.

22. Survival:
All terms and conditions of this Master Purchase Order which by their nature must survive termination/expiration shall so survive. Without limiting the foregoing, Vendor's insurance, warranty and indemnity obligations shall survive for the relevant warranty or statutes of limitation period plus the time necessary to fully resolve any claims, matters or actions begun within that period. Bonds shall survive as long as any warranty period.

23. No Construction Against Drafting Party:
No provision of this Master Purchase Order shall be construed against the drafter.

24. Status of Vendor/Ownership of Work Product:
Vendor is an independent contractor retained on a contractual basis to perform services for a limited period of time as described in Section 9.1.1E(x) of the Charter of City. Vendor and its employees are not employees or officers of City under Chapter 18 of the D.R.M.C. for any purpose whatsoever. All goods, deliverables, hardware, software, plans, drawings, reports, submittals and all other documents or things furnished to City by Vendor shall become and are the property of City, without restriction.

25. Records and Audits:
Vendor shall maintain for three (3) years after final payment hereunder, all pertinent books, documents, papers and records of Vendor involving transactions related to this Master Purchase Order, and City shall have the right to inspect and copy the same.

26. Remedies/Waiver:
No remedy specified herein shall limit any other rights and remedies of City at law or in equity. No waiver of any breach shall be construed as a waiver of any other breach.

27. No Discrimination in Employment:
Vendor shall not refuse to hire, discharge, promote or demote, or to discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, gender, age, military status, sexual orientation, marital status, or physical or mental disability; and Vendor shall insert the foregoing provision in any subcontracts hereunder.

28. Use, Possession or Sale of Alcohol or Drugs:
Vendor shall cooperate and comply with the provisions of Executive Order 94. Violation may result in City terminating this Master Purchase Order or barring Vendor from City facilities or from participating in City operations.

29. Conflict of Interest:
No employee of City shall have any personal or beneficial interest in the goods/services described in this Master Purchase Order; and Vendor shall not hire or contract for services any employee or officer of City which would be in violation of City's Code of Ethics, D.R.M.C. §2-51, et seq. or the Charter §§ 1.2.8, 1.2.9, and 1.2.12.

30. Advertising and Public Disclosure:
The Vendor shall not include any reference to the Master Purchase Order or to services performed or goods purchased pursuant to the Master Purchase Order in any of the Vendor's advertising or public relations materials without first obtaining the written approval of the Director of Purchasing.

31. No Employment of Illegal Aliens to Perform Work Under The Agreement:

a. This Agreement is subject to Division 5 of Article IV of Chapter 20 of the Denver Revised Municipal Code, and any amendments (the "Certification Ordinance").

b. The Contractor certifies that:

(1) At the time of its execution of this Agreement, it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement.

(2) It will participate in the E-Verify Program, as defined in § 8-17.5-101(3.7), C.R.S., to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

c. The Contractor also agrees and represents that:

(1) It shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.

(2) It shall not enter into a contract with a subconsultant or subcontractor that fails to certify to the Contractor that it shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.

(3) It has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement, through participation in the E-Verify Program.

(4) It is prohibited from using the E-Verify Program procedures to undertake pre-employment screening of job applicants while performing its obligations under the Agreement, and that otherwise requires the Contractor to comply with any and all federal requirements related to use of the E-Verify Program including, by way of example, all program requirements related to employee notification and preservation of employee rights.

(5) If it obtains actual knowledge that a subconsultant or subcontractor performing work under the Agreement knowingly employs or contracts with an illegal alien, it will notify such subconsultant or subcontractor and the City within three (3) days. The Contractor will also then terminate such subconsultant or subcontractor if within three (3) days after such notice the subconsultant or subcontractor does not stop

employing or contracting with the illegal alien, unless during such three-day period the subconsultant or subcontractor provides information to establish that the subconsultant or subcontractor has not knowingly employed or contracted with an illegal alien.

(6) It will comply with any reasonable request made in the course of an investigation by the Colorado Department of Labor and Employment under authority of § 8-17.5-102(5), C.R.S, or the City Auditor, under authority of D.R.M.C. 20-90.3.

d. The Contractor is liable for any violations as provided in the Certification Ordinance. If Contractor violates any provision of this section or the Certification Ordinance, the City may terminate this Agreement for a breach of the Agreement. If the Agreement is so terminated, the Contractor shall be liable for actual and consequential damages to the City. Any such termination of a contract due to a violation of this section or the Certification Ordinance may also, at the discretion of the City, constitute grounds for disqualifying Contractor from submitting bids or proposals for future contracts with the City.

32. Federal provisions:

Where the source of the funds, directly or indirectly for this Purchase Order is the Federal Government, the Vendor agrees to the applicable provisions set out below. The Vendor shall be responsible for determining which terms are applicable to its products and/or services.

EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE Contractor agrees to comply with Executive Order 11246 of September 24, 1965, entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Part 60). DAVIS-BACON ACT COMPLIANCE Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 3148 to 3148) as supplemented by Department of Labor regulations (29 CFR part 5). ANTI-KICKBACK ACT COMPLIANCE Contractor agrees to comply with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). CONTRACT WORK HOURS AND SAFETY STANDARDS Contractor agrees to comply with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5) RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT Contractor agrees to comply with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. CLEAN AIR AND WATER REQUIREMENTS Contractor agrees to comply with all applicable standards, orders, or requirements issued under the Clean Air Act (42 U.S.C. 7401 et. seq.), and the Clean Water Act (33 U.S.C. 1251 et. seq.). Contractor agrees to report each violation of these requirements to the City and understands and agrees that the City will, in turn, report each violation as required to the appropriate EPA regional office. ENERGY CONSERVATION REQUIREMENTS The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act. (42 U.S.C. 6201) NO SUSPENSION OR DEBARMENT Contractor certifies that neither it nor its Principals or any of its subcontractors is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this Agreement by any Federal department or agency. BYRD ANTI-LOBBYING. If the Maximum Contract Amount exceeds $100,000, the Contractor must complete and submit to the City a required certification form provided by the City certifying that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress in connection with obtaining any Federal contract grant of any other award covered by 31 U.S.C. 1352. Contractor must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

This Master Purchase Order is acknowledged and agreed to by:

Vendor Name:	The Goodyear Tire & Rubber Company (Company Name)	**City & County of Denver, Purchasing Division**	
By:	(Authorized Signature)	By:	
Print Name:	Gerald F. Payne	Print Name:	Andrew Miskell
Title:	Director Sales and Operations Goodyear Commercial Tire Systems	Title:	Associate Buyer
Date:	7-27-17	Date:	7/27/2017

Supervisor Initial: ____

NOTE:

This Master Purchase Order is contingent upon City Council Action in accordance with 3.2.6(e) of the City Charter and is void without such action.

EXTENSION /

RENEWALS: (OPTIONAL)

Upon renewal, City procurements shall be made via Purchase Order (PO) under the pricing, terms and conditions of this MPO. Invoicing must contain the individual PO number that corresponds with the order. General inquiries, not specific to an individual order, shall reference the above MPO.

Extension No. 1___

The agreement made and entered into by your company and the City and County of Denver pursuant to the above referenced Master Purchase Order (MPO) expires on _____.

Should you desire to extend this agreement to and including _____, and revise the aggregate amount to $_____, please return this page with your signature.

City & County of Denver, Purchasing Division

Vendor Name: The Goodyear Tire & Rubber Company
(Company Name)

By: _____ By: _____
(Authorized Signature)

Print Name: _____ Print Name: _____

Title: _____ Title: _____

Date: _____ Date: _____

Note:

Extension No. 2___

The agreement made and entered into by your company and the City and County of Denver pursuant to the above referenced Master Purchase Order (MPO) expires on _____.

Should you desire to extend this agreement to and including _____, and revise the aggregate amount to $_____, please return this page with your signature.

Vendor Name: The Goodyear Tire & Rubber Company
(Company Name)

City & County of Denver, Purchasing Division

By: _____ By: _____
(Authorized Signature)

Print Name: _____ Print Name: _____

Title: _____ Title: _____

Date: _____ Date: _____

Note:

Extension No. 3___

The agreement made and entered into by your company and the City and County of Denver pursuant to the above referenced Master Purchase Order (MPO) expires on _____.

Should you desire to extend this agreement to and including _____, and revise the aggregate amount to $_____, please return this page with your signature.

City & County of Denver, Purchasing Division

Vendor Name: The Goodyear Tire & Rubber Company
(Company Name)

By: _____ By: _____
(Authorized Signature)

Print Name: _____ Print Name: _____

Title: _____ Title: _____

Date: _____ Date: _____

Note:

Extension No. 4___

The agreement made and entered into by your company and the City and County of Denver pursuant to the above referenced Master Purchase Order (MPO) expires on _____.

Should you desire to extend this agreement to and including _____, and revise the aggregate amount to $_____, please return this page with your signature.

City & County of Denver, Purchasing Division

Vendor Name: The Goodyear Tire & Rubber Company
(Company Name)

By: _____ By: _____
(Authorized Signature)

Print Name: _____ Print Name: _____

Title: _____ Title: _____

Date: _____ Date: _____

Note:

EXHIBIT "A"

Master Purchase Order: 0135A0117
Title: Retread Tires and Related Services
Vendor: The Goodyear Tire & Rubber Company

It is recommended that you use your Master Purchase Order No. – 0135A0117, in all future correspondence, billing, invoicing or other communications.

Description of the goods, and services related thereto, being purchased and pricing:

A.1 PRICING:

All submitted Pricing and Price Percentage Adjustments, as shown in Exhibit B, shall be firm and fixed for the duration of the Master Purchase Order.

A.2 F.O.B. POINT:

All prices shall be at a firm price, F.O.B. Denver, Colorado, delivered to various City Agencies at various City locations.

A.3 DELIVERY CONSIDERATIONS:

The Vendor shall provide the pick-up of tires for retreading, dismounting of tires, cleaning and repainting of wheels as required, tire repairs, tire retreading service and return tires mounted on rims within;

A. Highway tire retreading turnaround time shall be seven (7) calendar days of request (National Holidays excluded).
B. Off-Road and specialty tire retreading turnaround time shall be fourteen (14) calendar days of request (National Holidays excluded). Tires may be outsourced.

All deliveries shall be made between the hours of 8:00 am and 2:00 pm, Monday through Friday, excluding holidays.

A.4 AIRPORT SECURITY:

It is a material requirement of this Agreement that the Vendor shall comply with all rules, regulations, written policies and authorized directives from the City and/or the Transportation Security Administration with respect to Airport security. The Vendor shall conduct all of its activities at the Airport in compliance with the Airport security program, which is administered by the Security Section of the Airport Operations Division, Department of Aviation. Violation by the Vendor or any of its employees, subcontractors, and vendors of any rule, regulation, or authorized directive from the City or the Transportation Security Administration with respect to Airport Security shall be grounds for immediate termination by the City of this Contract for cause.

The Vendor shall promptly upon notice of award of this Contract, meet with the Airport's Assistant Security Manager to establish badging and vehicle permit requirements for Vendor's operations under this Contract. The Vendor shall obtain the proper access authorizations for all of its employees, subcontractors, and vendors who will enter the Airport to perform work or make deliveries, and shall be responsible for each such person's compliance with all Airport rules and regulations, including without limitation those pertaining to security. Any person who violates such rules may be subject to revocation of his/her access authorization. The failure of the

Vendor or any subcontractor to complete any required services hereunder shall not be excused on account of the revocation for good cause of access authorization of any person.

The security status of the Airport is subject to change without notice. If the security status of the Airport changes at any time during the term of this Contract, the Vendor shall take immediate steps to comply with security modifications which occur as a result of the changed status. The Vendor may at any time obtain current information from the Airport Security Office regarding the Airport's security status in relation to the Vendor's operations at the Airport.

The Vendor shall return to the City at the expiration or termination of this Contract, or upon demand by the City, all access keys or access badges issued to it for any area of the Airport, whether or not restricted. If the Vendor fails to do so, the Consultant shall be liable to reimburse the City for all the City's costs for work required to prevent compromise of the Airport security system. The City may withhold funds in the amount of such costs from any amounts due and payable to the Vendor under this Contract.

A.5 LAWS, REGULATIONS, TAXES AND PERMITS:

The Vendor shall procure all permits and licenses, pay all charges, taxes and fees and give all notices necessary and incidental to the due and lawful prosecution of the work. All costs thereof shall be deemed to be included in the prices proposed for the work.

The Vendor, at all times, shall observe and comply with all federal, state, county, city and other laws, codes, ordinances, rules and regulations in any manner affecting the conduct of the work.

Without limiting the foregoing, the Vendor shall establish appropriate procedures and controls so that services under this Agreement will not be performed by using any alien who is not legally eligible for such employment under United States Immigration laws. Failure to comply with this condition satisfactorily may cause the City to terminate this Contract.

A.6 EMERGENCY PURCHASES:

The City and County of Denver reserves the right to purchase from other sources those items which are required on an emergency basis and cannot be supplied immediately from stock by the vendor.

A.7 COOPERATIVE PURCHASING:

The City and County of Denver encourages and participates in cooperative purchasing endeavors undertaken by or on behalf of other governmental jurisdictions, pursuant to Denver Revised Municipal Code Sec. 20-64.5. To the extent other governmental jurisdictions are legally able to participate in cooperative purchasing endeavors, the City and County of Denver supports such cooperative activities. Further, it is a specific requirement of this proposal or Request for Proposal that pricing offered herein to the City and County of Denver may be offered by the vendor to any other governmental jurisdiction purchasing the same products.

The vendor(s) must deal directly with any governmental agency concerning the placement of purchase orders, freight charges for destinations outside of the Denver Metro area, contractual disputes, invoicing, and payment. The City and County of Denver shall not be liable for any costs, damages incurred by any other entity.

A.8 PALLET CHARGE:

All pallets supplied shall be non-returnable, no deposit.

A.9 VENDOR PERFORMANCE MANAGEMENT:

The Purchasing Department may administer a vendor performance management program as part this proposal and resulting contract. The purpose of this program is to create a method for documenting and advising the Purchasing Department of exceptional performance or any problems related to the purchased goods and services.

Portions of this Vendor Performance Management program may include, but are not limited to the following:

a) Additional site visits post award
b) Review of awarded Vendor agreement compliance
c) Vendor and Agency meetings
d) Intercessions between Purchasing and the Vendor

FOR GOODS

- Total dollar value of purchases per City Agency
- Total number of transactions per City Agency
- Total number of items per size per City Agency
- Average delivery time for stock material

FOR SERVICES

- Total dollar value of purchases per City Agency

CCD EXHIBIT B - MPO # 0135A0117

RETURN TO:
Department of General Services
PURCHASING DIVISION
201 West Colfax Avenue
Department 304, 11th Floor
Denver, CO 80202
Phone: (720) 913-8100
FAX: (720) 913-8101

CITY AND COUNTY OF DENVER

DENVER

Department of General Services
PURCHASING DIVISION
www.denvergov.org/purchasing

Buyer: Andrew Miskell
andrew.miskell@denvergov.org

FORMAL PROPOSAL

Formal Proposal No. **0135A**

RETREAD TIRES AND RELATED SERVICES

SCHEDULE OF EVENTS

• Proposal Issued	May 15, 2017		
• Pre-Bid Conference	May 31, 2017	8:00 A.M	Local Time
• Deadline to Submit Additional Questions	June 5, 2017	5:00 P.M.	Local Time
• Response to Written Questions	June 8, 2017	5:00 P.M.	Local Time
• Proposal Due Date	June 14, 2017	2:00 P.M.	Local Time

Vendor offers to furnish to the City and County of Denver the materials, supplies, products or services requested in accordance with the specifications and subject to the Terms and Conditions described herein.

VENDOR SIGN HERE

Company Name: **The Goodyear Tire & Rubber Company**

By: **Gerald F. Payne, Director Sales and Operations**
Goodyear Commercial Tire & Service Centers
(Printed or Typed Name)

Signature: Gerald F Payne

Signature constitutes acceptance of all Terms and Conditions listed on this form and all documents attached.

Attn: Jason Stine, Government Sales Manager - Commercial Tires

Email: **jason_stine@goodyear.com**

Phone: **330-796-9489**

THIS PROPOSAL MUST BE RETURNED ELECTRONICALLY THROUGH THE ROCKY MOUNTAIN E-PURCHASING SYSTEM (BIDNET®).

CCD EXHIBIT B - MPO # 0135A0117 - Continued

C.4 PROPOSAL ITEMS

FORMAL BID # 0135A

RETREAD TIRES AND RELATED SERVICES

All pricing quoted shall be considered as a delivered price

All Descriptions from the Technical Specifications Word Document

Estimated Annual Retread Tire Needs

Technical Specifications Corresponding Section Number	Product Section Description	Item #	Tire Size	Vendor Proposed Tread Name (e.g. XZY)	Metric (mm)	UOM	Estimated Annual Quantity	Proposed Tread Depth in 32s	Unit Delivered Price (Column I x Column J)	Extended and Delivered Price (Column H x Column K)	Cost per 1/32"
10.2.1	9R17.5 "Sweeper Street/Highway Rib" Tread Pattern Retread Tires	1	9R17.5	No Bid	168 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		2	9R17.5	Goodyear PC G647	177 mm	Ea.	9 Tires	16/32s	$ 95.00	$ 855.00	$ 5.94
10.2.3	11R22.5 "Sweeper Street/Highway Rib" Tread Pattern Retread Tires	3	11R22.5	No Bid	203 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		4	11R22.5	Goodyear PC G661	211 mm	Ea.	1 Tires	20/32s	$ 141.00	$ 141.00	$ 7.05
		5	11R22.5	Goodyear PC G661	219 mm	Ea.	73 Tires	20/32s	$ 141.00	$ 10,293.00	$ 7.05
		6	11R22.5	Goodyear PC G661	225 mm	Ea.	1 Tires	20/32s	$ 141.00	$ 141.00	$ 7.05
10.3.3	10R22.5 "Traction Grip" Tread Pattern Retread Tires	7	10R22.5	No Bid	170 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		8	10R22.5	Goodyear PC G622	180 mm	Ea.	1 Tires	22/32s	$ 118.00	$ 118.00	$ 5.36
		9	10R22.5	Goodyear PC G167	190 mm	Ea.	8 Tires	22/32s	$ 90.00	$ 720.00	$ 4.09
		10	10R22.5	Goodyear PC G167	200 mm	Ea.	1 Tires	22/32s	$ 90.00	$ 90.00	$ 4.09
10.3.5	11R22.5 "Traction Grip" Tread Pattern Retread Tires	11	11R22.5	Goodyear PC G167	219 mm	Ea.	1 Tires	22/32s	$ 109.00	$ 109.00	$ 4.95
		12	11R22.5	Goodyear PC G167	225 mm	Ea.	1 Tires	22/32s	$ 109.00	$ 109.00	$ 4.95
		13	11R22.5	Goodyear PC G167	232 mm	Ea.	53 Tires	22/32s	$ 109.00	$ 5,777.00	$ 4.95

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.3.7	12R22.5 "Traction Grip" Tread Pattern Tires	14	12R22.5	No Bid	219 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		15	12R22.5	Goodyear PC G167	225 mm	Ea.	1 Tires	22/32s	$ 120.00	$ 120.00	$ 5.45
		16	12R22.5	Goodyear PC G167	232 mm	Ea.	10 Tires	22/32s	$ 120.00	$ 1,200.00	$ 5.45
10.3.9	225/70R19.5 "Traction Grip" Tread Pattern Retread Tires	17	225/70R19.5	No Bid	170 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		18	225/70R19.5	Goodyear PC G622	180 mm	Ea.	1 Tires	22/32s	$ 105.00	$ 105.00	$ 4.77
		19	225/70R19.5	Goodyear PC G622	190 mm	Ea.	9 Tires	22/32s	$ 105.00	$ 945.00	$ 4.77
		20	225/70R19.5	Goodyear PC G622	200 mm	Ea.	1 Tires	22/32s	$ 105.00	$ 105.00	$ 4.77
10.3.11	315/80R22.5 "Traction Grip" Tread Pattern Retread Tires	21	315/80R22.5	Goodyear PC G177	250 mm	Ea.	1 Tires	32/32s	$ 170.00	$ 170.00	$ 5.31
		22	315/80R22.5	No Bid	260 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		23	315/80R22.5	Goodyear PC G177	270 mm	Ea.	1 Tires	32/32s	$ 170.00	$ 170.00	$ 5.31
		24	315/80R22.5	Goodyear PC G177	280 mm	Ea.	48 Tires	32/32s	$ 170.00	$ 8,160.00	$ 5.31
10.4.1	11R22.5 "Waste Hauler Traction" Tread Pattern Retread Tires	25	11R22.5	Goodyear PC G292	210 mm	Ea.	1 Tires	32/32s	$ 165.00	$ 165.00	$ 5.16
		26	11R22.5	No Bid	220 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		27	11R22.5	Goodyear PC G292	230 mm	Ea.	40 Tires	32/32s	$ 165.00	$ 6,600.00	$ 5.16
		28	11R22.5	Goodyear PC G292	240 mm	Ea.	1 Tires	32/32s	$ 165.00	$ 165.00	$ 5.16
10.4.3	315/80R22.5 "Waste Hauler Traction" Tread Pattern Retread Tires	29	315/80R22.5	Goodyear PC G292	250 mm	Ea.	1 Tires	32/32s	$ 185.00	$ 185.00	$ 5.78
		30	315/80R22.5	No Bid	260 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		31	315/80R22.5	Goodyear PC G292	270 mm	Ea.	460 Tires	32/32s	$ 185.00	$ 85,100.00	$ 5.78
		32	315/80R22.5	Goodyear PC G292 ***Available in 280mm in Q4 2017	280 mm	Ea.	460 Tires	32/32s	$ 185.00	$ 85,100.00	$ 5.78

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.4.5	315/80R22.5 "Waste Hauler Rib" Tread Pattern Retread Tires	33	315/80R22.5	Goodyear PC G289	250 mm	Ea.	1 Tires	26/32s	$ 160.00	$ 160.00	$ 6.15
		34	315/80R22.5	No Bid	260 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		35	315/80R22.5	Goodyear PC G289	270 mm	Ea.	5 Tires	26/32s	$ 173.00	$ 865.00	$ 6.65
		36	315/80R22.5	Goodyear PC G289	280 mm	Ea.	5 Tires	26/32s	$ 175.00	$ 875.00	$ 6.73
10.5.1	Heavy Duty 315/80R22.5 "Waste Trailer" Tread Pattern Retread Tires	37	315/80R22.5	Goodyear PC G289	250 mm	Ea.	1 Tires	26/32s	$ 160.00	$ 160.00	$ 6.15
		38	315/80R22.5	No Bid	260 mm	Ea.	1 Tires	0/32s	$ -	$ -	#DIV/0!
		39	315/80R22.5	Goodyear PC G289	270 mm	Ea.	4 Tires	26/32s	$ 173.00	$ 692.00	$ 6.65
		40	315/80R22.5	Goodyear PC G289	280 mm	Ea.	4 Tires	26/32s	$ 175.00	$ 700.00	$ 6.73
10.6.1	425/65R22.5 "Mixed Service" Tread Pater Retread Tires	41	425/65R22.5	Goodyear PC G296	315/320 mm	Ea.	15 Tires	23/32s	$ 220.00	$ 3,300.00	$ 9.57
10.6.3	445/65R22.5 "Mixed Service" Tread Pater Retread Tires	42	445/65R22.5	Goodyear PC G296	355 mm	Ea.	20 Tires	23/32s	$ 230.00	$ 4,600.00	$ 10.00
									SUM OF ESTIMATED ANNUAL RETREAD TIRE NEEDS SECTION	*$ 217,995.00*	

Estimated Annual Retread Tire Casings

Heavy Duty Michelin Tire Casings or an Approved Equivalent

Technical Specifications Corresponding Section Number	Item #	Tire Size	Allowed Tire Repairs	UOM	Estimated Annual Quantity	Unit Price Per Casing	Extended and Delivered Price
	43	11R22.5-G	No Holes or Defects	Ea.	8 Casings	$ 55.00	$ 440.00
	44	11R22.5-G	One Nail Hole	Ea.	5 Casings	$ 50.00	$ 250.00
	45	11R22.5-G	Two Nail Holes	Ea.	1 Casings	$ 45.00	$ 45.00
	46	11R22.5-G	Three Nail Holes	Ea.	1 Casings	$ 35.00	$ 35.00
	47	12R22.5	No Holes or Defects	Ea.	2 Casings	$ 55.00	$ 110.00
	48	12R22.5	One Nail Hole	Ea.	1 Casings	$ 50.00	$ 50.00

CCD EXHIBIT B - MPO # 0135A0117 - Continued

11.1	49	12R22.5	Two Nail Holes	Ea.	1 Casings	$ 45.00	$ 45.00
	50	12R22.5	Three Nail Holes	Ea.	1 Casings	$ 35.00	$ 35.00
	51	275/80 or 295/75R22.5-G	No Holes or Defects	Ea.	2 Casings	$ 55.00	$ 110.00
	52	275/80 or 295/75R22.5-G	One Nail Hole	Ea.	1 Casings	$ 50.00	$ 50.00
	53	275/80 or 295/75R22.5-G	Two Nail Holes	Ea.	1 Casings	$ 45.00	$ 45.00
	54	275/80 or 295/75R22.5-G	Three Nail Holes	Ea.	1 Casings	$ 35.00	$ 35.00
	55	315/80R22.5-J, 18 Ply	No Holes or Defects	Ea.	20 Casings	$ 65.00	$ 1,300.00
	56	315/80R22.5-J, 18 Ply	One Nail Hole	Ea.	5 Casings	$ 60.00	$ 300.00
	57	315/80R22.5-J, 18 Ply	Two Nail Holes	Ea.	1 Casings	$ 55.00	$ 55.00
	58	315/80R22.5-J, 18 Ply	Three Nail Holes	Ea.	1 Casings	$ 45.00	$ 45.00
	59	315/80R22.5-L, 20 Ply	No Holes or Defects	Ea.	300 Casings	$ 65.00	$ 19,500.00
	60	315/80R22.5-L, 20 Ply	One Nail Hole	Ea.	5 Casings	$ 60.00	$ 300.00
	61	315/80R22.5-L, 20 Ply	Two Nail Holes	Ea.	1 Casings	$ 55.00	$ 55.00
	62	315/80R22.5-L, 20 Ply	Three Nail Holes	Ea.	1 Casings	$ 45.00	$ 45.00
					SUM OF ESTIMATED ANNUAL RETREAD TIRE CASINGS		***$ 22,850.00***

Estimated Annual Retread Tire Casing Repairs

Michelin Tire Casings or an Approved Equivalent

Technical Specifications Corresponding Section Number	Item #	Repair Description for Severe Use	UOM	Estimated Annual Quantity	Unit Price Per Casing Repair	Extended and Delivered Price
	63	Crown Nail Hole Repair ≤ 1/4”	Ea.	620 Repairs	$ 0.01	$ 6.20
	64	Crown Reinforced Nail Hole > 1/4” to 3/8”	Ea.	120 Repairs	$ 5.00	$ 600.00
	65	Crown Section Hole Repair > 3/8” to ≤ 1/2”	Ea.	50 Repairs	$ 12.00	$ 600.00
	66	Crown Section Hole Repair > 1/2” to ≤ 3/4”	Ea.	50 Repairs	$ 12.00	$ 600.00
	67	Crown Section Hole Repair > 3/4” to ≤ 1”	Ea.	50 Repairs	$ 15.00	$ 750.00
	68	Crown Section Hole Repair > 1” to ≤ 1 1/4”	Ea.	50 Repairs	$ 15.00	$ 750.00

CCD EXHIBIT B - MPO # 0135A0117 - Continued

	69	Crown Section Hole Repair > 1 1/4" to ≤ 1 1/2"		Ea.	50 Repairs	$ 21.00	$ 1,050.00
	70	Sidewall Spot Repair (rubber damage only)		Ea.	1425 Repairs	$ 0.01	$ 14.25
		Sidewall Section Repair					
		Width	Length				
	71	1 Cable	≤ 1 1/2"	Ea.	10 Repairs	$ 12.50	$ 125.00
	72	1 Cable	≤ 3 1/8"	Ea.	10 Repairs	$ 17.50	$ 175.00
	73	1 Cable	≤ 4 3/4"	Ea.	10 Repairs	$ 17.50	$ 175.00
	74	1 Cable	≤ 6"	Ea.	10 Repairs	$ 17.50	$ 175.00
	75	≤3/8"	≤ 1 1/2"	Ea.	10 Repairs	$ 17.50	$ 175.00
	76	≤3/8"	≤ 2 3/8"	Ea.	10 Repairs	$ 17.50	$ 175.00
	77	≤3/8"	≤ 3 1/8"	Ea.	10 Repairs	$ 27.50	$ 275.00
12.1	78	≤3/8"	≤ 5 1/8"	Ea.	10 Repairs	$ 27.50	$ 275.00
	79	≤1/2"	≤ 1 1/2"	Ea.	10 Repairs	$ 27.50	$ 275.00
	80	≤1/2"	≤ 2 3/4"	Ea.	10 Repairs	$ 27.50	$ 275.00
	81	≤1/2"	≤ 3 3/4"	Ea.	10 Repairs	$ 27.50	$ 275.00
	82	≤1/2"	≤ 5 1/8"	Ea.	10 Repairs	$ 27.50	$ 275.00
	83	≤3/4"	≤ 1"	Ea.	10 Repairs	$ 27.50	$ 275.00
	84	≤3/4"	≤ 2 1/2"	Ea.	10 Repairs	$ 27.50	$ 275.00
	85	≤3/4"	≤ 4 3/8"	Ea.	10 Repairs	$ 27.50	$ 275.00
	86	≤3/4"	≤ 5 1/8"	Ea.	10 Repairs	$ 27.50	$ 275.00
	87	≤1"	≤ 2"	Ea.	10 Repairs	$ 27.50	$ 275.00
	88	≤1"	≤ 3 1/8	Ea.	10 Repairs	$ 27.50	$ 275.00
	89	≤1"	≤ 4"	Ea.	10 Repairs	$ 27.50	$ 275.00

CCD EXHIBIT B - MPO # 0135A0117 - Continued

	90	≤1 1/2"	≤ 2"	Ea.	10 Repairs	$ 27.50	$ 275.00
	91	≤1 1/2"	≤ 3 1/8"	Ea.	10 Repairs	$ 27.50	$ 275.00
	92	Bead Repair		Ea.	112 Repairs	$ 6.95	$ 778.40
	93	Liner Repair		Ea.	200 Repairs	$ 4.95	$ 990.00
	94	Brake Lock Repair per 1/32" Tread Depth		Ea.	2 tires with requiring 4/32" deep fill	$ 40.00	
	95	Truck Tire Disposal Charge (For City Origin Casings that are unable to be retreaded)		Ea.	50 Repairs	$ 3.00	$ 150.00
						SUM OF ESTIMATED ANNUAL RETREAD TIRE CASING REPAIRS	*$ 11,453.85*

Estimated Annual Retread Tire - Tire Siping

Technical Specifications Corresponding Section Number	Item #	Service Description	UOM	Estimated Annual Quantity	Unit Price Per Casing Repair	Extended and Delivered Price
13.1	96	Tire sipping medium and large truck (cutting slices into tread for increased traction).	Ea.	1 Casings	$ 22.00	$ 22.00

Estimated Annual Retread Tire - Wheel Refinishing

Technical Specifications Corresponding Section Number	Item #	Service Description	UOM	Estimated Annual Quantity	Unit Price Per Casing Repair	Extended and Delivered Price
14.1	97	Bead Blast, Inspect and Repaint 22.5 x 8.25" steel wheel rim with "Bright White" Powder Epoxy Paint	Ea.	10 Repairs	$ 21.00	$ 210.00
	98	Bead Blast, Inspect and Repaint 22.5 x 9.0" steel wheel rim with "Bright White" Powder Epoxy Paint	Ea.	10 Repairs	$ 21.00	$ 210.00
	99	Bead Blast, Inspect and Repaint all other vehicle medium truck sizes of steel wheel rims with "Bright White" Powder Epoxy Paint	Ea.	10 Repairs	$ 21.00	$ 210.00
					SUM OF ESTIMATED ANNUAL RETREAD TIRE - WHEEL REFINISHING	*$ 630.00*

Estimated Annual Retread Tire - Vendor Dismount and Remount Program

Technical Specifications Corresponding Section Number	Item #	Dismount and Remount Description	UOM	Estimated Annual Quantity	Unit Price Per Casing Repair	Extended and Delivered Price
15.1	100	Tire 11R22.5 on 22.5 x 8.5" wheel	Ea.	10 Repairs	$ 18.00	$ 180.00
	101	Tire 315/80R 22.5 on 22.5 x 9.0" wheel	Ea.	10 Repairs	$ 18.00	$ 180.00
					SUM OF ESTIMATED ANNUAL RETREAD TIRE - VENDOR DISMOUNT AND REMOUNT PROGRAM	*$ 360.00*

CCD EXHIBIT B - MPO # 0135A0117 - Continued

Estimated Annual Retread Tire - Road and Service Calls							
Technical Specifications Corresponding Section Number	**Item #**	**Work Rates and Description**		**UOM**	**Estimated Annual Quantity**	**Unit Price Per Wheel**	**Extended and Delivered Price**
	102	Automobile	Dismount and Mount	Ea.	1	$ 0.01	$ 0.01
	103	Automobile	Spin Balance	Ea.	1	$ 0.01	$ 0.01
	104	Automobile	Flat Repair	Ea.	1	$ 0.01	$ 0.01
	105	Automobile	Rotate Tires	Ea.	1	$ 0.01	$ 0.01
	106	Light Truck Class 1 thru Class 3	Dismount and Mount	Ea.	1	$ 0.01	$ 0.01
	107	Light Truck Class 1 thru Class 3	Spin Balance	Ea.	1	$ 0.01	$ 0.01
	108	Light Truck Class 1 thru Class 3	Flat Repair	Ea.	1	$ 0.01	$ 0.01
	109	Light Truck Class 1 thru Class 3	Rotate Tires	Ea.	1	$ 0.01	$ 0.01
	110	Light Truck Class 1 thru Class 3	Pneumatic Torque	Ea.	1	$ 0.01	$ 0.01
	111	Medium Truck Class 4 thru Class 6	Dismount and Mount	Ea.	1	$ 0.01	$ 0.01
	112	Medium Truck Class 4 thru Class 6	Spin Balance	Ea.	1	$ 0.01	$ 0.01
	113	Medium Truck Class 4 thru Class 6	Flat Repair	Ea.	1	$ 0.01	$ 0.01
	114	Medium Truck Class 4 thru Class 6	Rotate Tires	Ea.	1	$ 0.01	$ 0.01
	115	Medium Truck Class 4 thru Class 6	Pneumatic Torque	Ea.	1	$ 0.01	$ 0.01
	116	Heavy Truck Class 7 thru Class 8	Dismount and Mount	Ea.	1	$ 0.01	$ 0.01
	117	Heavy Truck Class 7 thru Class 8	Spin Balance	Ea.	1	$ 0.01	$ 0.01
	118	Heavy Truck Class 7 thru Class 8	Flat Repair	Ea.	1	$ 0.01	$ 0.01

CCD EXHIBIT B - MPO # 0135A0117 - Continued

15.2.D 1-12	119	Heavy Truck Class 7 thru Class 8	Rotate Tires	Ea.	1	$	0.01	$ 0.01
	120	Heavy Truck Class 7 thru Class 8	Pneumatic Torque	Ea.	1	$	0.01	$ 0.01
	121	Industrial and Tractor Tires: Skid Steer type approximate sizes 10 x 16.5 and 12 x 16.5	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	122	Industrial and Tractor Tires: Skid Steer type approximate sizes 10 x 16.5 and 12 x 16.5	Flat Repair	Ea.	1	$	0.01	$ 0.01
	123	Industrial and Tractor Tires: Skid Steer type approximate sizes 10 x 16.5 and 12 x 16.5	Rotate Tires	Ea.	1	$	0.01	$ 0.01
	124	Industrial and Tractor Tires: Utility Tractor approximate sizes 8.3 x 24 through 12.4 x 24	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	125	Industrial and Tractor Tires: Utility Tractor approximate sizes 8.3 x 24 through 12.4 x 24	Flat Repair	Ea.	1	$	0.01	$ 0.01
	126	Industrial and Tractor Tires: Utility Tractor approximate sizes 8.3 x 24 through 12.4 x 24	Rotate Tires	Ea.	1	$	0.01	$ 0.01
	127	Industrial and Tractor Tires: Loader/Backhoe approximate sizes 14.9 x 24 through 21L24	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	128	Industrial and Tractor Tires: Loader/Backhoe approximate sizes 14.9 x 24 through 21L24	Calcium (fill and remove) Cost per gallon	Ea.	1	$	1.00	$ 1.00
	129	Industrial and Tractor Tires: Loader/Backhoe approximate sizes 14.9 x 24 through 21L24	Flat Repair	Ea.	1	$	0.01	$ 0.01
	130	Industrial and Tractor Tires: Loader/Backhoe approximate sizes 14.9 x 24 through 21L24	Rotate Tires	Ea.	1	$	0.01	$ 0.01
	131	Industrial and Tractor Tires: Large Tractor approximate sizes 16.9 x 28 through 710/70 x 42	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	132	Industrial and Tractor Tires: Large Tractor approximate sizes 16.9 x 28 through 710/70 x 42	Calcium (fill and remove) Cost per gallon	Ea.	1	$	1.00	$ 1.00
	133	Industrial and Tractor Tires: Large Tractor approximate sizes 16.9 x 28 through 710/70 x 42	Flat Repair	Ea.	1	$	0.01	$ 0.01
	134	Industrial and Tractor Tires: Large Tractor approximate sizes 16.9 x 28 through 710/70 x 42	Rotate Tires	Ea.	1	$	0.01	$ 0.01

CCD EXHIBIT B - MPO # 0135A0117 - Continued

	135	Industrial and Tractor Tires: Road Grader approximate sizes 12.00 x 24 through 14.00 x 24	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	136	Industrial and Tractor Tires: Road Grader approximate sizes 12.00 x 24 through 14.00 x 24	Flat Repair	Ea.	1	$	0.01	$ 0.01
	137	Industrial and Tractor Tires: Road Grader approximate sizes 12.00 x 24 through 14.00 x 24	Rotate Tires	Ea.	1	$	0.01	$ 0.01
	138	Industrial and Tractor Tires: Small Loader approximate sizes 15.5 x 25 through 17.5 x 25	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	139	Industrial and Tractor Tires: Small Loader approximate sizes 15.5 x 25 through 17.5 x 25	Flat Repair	Ea.	1	$	0.01	$ 0.01
	140	Industrial and Tractor Tires: Small Loader approximate sizes 15.5 x 25 through 17.5 x 25	Rotate Tires	Ea.	1	$	0.01	$ 0.01
	141	Industrial and Tractor Tires: Medium Loader approximate sizes 20.5 x 25, 23.5 x 25, 16 x24 through 18 x 33	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	142	Industrial and Tractor Tires: Medium Loader approximate sizes 20.5 x 25, 23.5 x 25, 16 x24 through 18 x 33	Calcium (fill and remove) Cost per gallon	Ea.	1	$	1.00	$ 1.00
	143	Industrial and Tractor Tires: Medium Loader approximate sizes 20.5 x 25, 23.5 x 25, 16 x24 through 18 x 33	Flat Repair	Ea.	1	$	0.01	$ 0.01
	144	Industrial and Tractor Tires: Medium Loader approximate sizes 20.5 x 25, 23.5 x 25, 16 x24 through 18 x 33	Rotate Tires	Ea.	1	$	0.01	$ 0.01
	145	Industrial and Tractor Tires: Medium Loader approximate sizes 26.5 x 25 through 37.25 x 35	Dismount and Mount	Ea.	1	$	0.01	$ 0.01
	146	Industrial and Tractor Tires: Medium Loader approximate sizes 26.5 x 25 through 37.25 x 35	Calcium (fill and remove) Cost per gallon	Ea.	1	$	1.00	$ 1.00
	147	Industrial and Tractor Tires: Medium Loader approximate sizes 26.5 x 25 through 37.25 x 35	Flat Repair	Ea.	1	$	0.01	$ 0.01
	148	Industrial and Tractor Tires: Medium Loader approximate sizes 26.5 x 25 through 37.25 x 35	Rotate Tires	Ea.	1	$	0.01	$ 0.01
							SUM OF ESTIMATED ANNUAL RETREAD TIRE - ROAD AND SERVICE CALLS	*$ 4.43*

CCD EXHIBIT B - MPO # 0135A0117 - Continued

Estimated Annual Retread Tire - Road and Service Call Rates					
Technical Specifications Corresponding Section Number	**Item #**	**Work Rates and Description**	**UOM**	**Unit Price**	
15.2.C 1-4	149	Cost per mile distance from Vendor Shop	$ per Mile	$ 0.86	
	150	Cost per Travel Hour: Regular business hours 7:00 am to 5:00 pm, Monday thru Friday	$ per Hour	$ 75.00	
	151	Cost per Travel Hour: Regular business hours 5:01 pm to 6:59 am, Monday thru Friday	$ per Hour	$ 105.00	
	152	Cost per Travel Hour: Saturday, Sunday, and Holidays	$ per Hour	$ 105.00	
			SUM OF ESTIMATED ANNUAL RETREAD TIRE - ROAD AND SERVICE CALL RATES	***$ 285.86***	

Quarterly Report Requirement - Vendor Tire Inspection Program						
Technical Specifications Corresponding Section Number	**Item #**	**Vendor Tire Inspection Program**	**UOM**	**Estimated Annual Reports**	**Unit Quarterly Report Price**	**Extended Report Price**
15.3	153	Quarterly Report for Vendor Tire Inspection - 200 Units per Quarter	Quarter	4	$ 0.01	$ 0.04
				SUM OF ESTIMATED ANNUAL RETREAD TIRE - ENTIRE PRICING		***$ 253,601.18***

Price Percentage Adjustment: Published Price Lists				
Technical Specifications Corresponding Section Number	**Item #**	**Vendor Tire Inspection Program**	**Vendor % (minus (-) for a discount and a plus (+) for a cost plus)**	**Name of Vendor Published Price Lists**
10.7.1	154	Discount off Published Price List from Vendor for All Other Sizes of Retreaded Tires with Casing	-69%	Goodyear 2017 Government Retread Price List
10.7.2	155	Discount off Published Price List from Vendor for All Other Sizes and Types of Repairs and Services	-45% Auto/Light Truck; -50% Pursuit; -51% Commercial Truck;	Goodyear 2017 State of Colorado Price List
10.7.3	156	Discount off Published Price List from Vendor for All Other Services	No Discount, use list price	Goodyear Commercial Tire & Service Center Service Price List

VENDOR NAME: Goodyear Tire & Rubber Company

CONTACT NAME: Jason Stine, Government Sales Mgr, 330-592-8542; Michael Dolsby, Center Mgr, 720-233-1951

CITY AND COUNTY OF DENVER
Technical Specifications and Request for Proposal Items
For
Medium and Heavy-Duty Radial Tire Retreading and Repair

1.0 General Description:

This specification covers radial tire retreading, tire repairs, wheel painting, pick up/delivery of tire/wheel assemblies, fleet tire survey monitoring and reports as specified to be used primarily in a mixed fleet application on medium-duty, heavy-duty vehicles and off-road equipment in on-highway and off-road applications. The retreaded tire must withstand tremendous forces as it rolls down the road carrying a heavy load and it must also maintain lateral stability through high speed turns and maneuvers. The retreaded tire shall efficiently transmit torque to the ground while providing long wear, good durability, good retread life and good traction. Retreaded tires are intended for use on flatbed trucks, dump trucks, emergency snow fighting trucks, trash trucks, tractors hauling asphalt, dirt and trash trailers as well as other specialized City equipment.

1.1 Product Uniformity:

All retread tires and tire repairs, wheel painting tire/wheel pick up/delivery and fleet monitoring shall be by one supplier with Federal DOT (Department of Transportation) registered facility number(s). No out sourcing of any operation shall be permitted except for wheel refinishing and off-road and specialty tire retreading. The vendor shall provide retreaded tires and tire repairs that meet all Federal DOT Standards the Tire Retread Information Bureau's (TRIB) "Industry Standards for Tire Retreading and Repair" dated June 7, 2001, Tire Industry Association (TIA) and retread manufacturer's specifications as well as any if applicable SAE and ASTM standards. In the case of a conflict of regulations and best/recommended practices the most stringent standard shall take precedence.

1.2 Applicable Service Requirements:

A. All retreaded tires, tire repairs, wheel inspections and repainting and other services supplied under this specification shall meet the most current requirements and shall be upgraded to newer requirements on the new effective dates for new requirements.
B. Federal Motor Vehicle Safety Standard (FMVSS) #117 (Title 49, Part 571) "Retread Pneumatic Tires". In case of conflict between this specification and any other referenced standard/specification the FMVSS #117 shall take precedence unless it is less stringent.

Company Name: The Goodyear Tire & Rubber Company

C. The retread vendor shall follow the most current manufacturing process and standards as its tread rubber manufacturer specifies for precure retreading, which shall include one of the following production processes and standards:
   1. National standards for Treading Automobile and Truck Tires of the Tire Retreading Institute.
   2. The retread shop inspection program performed by the Tire Industry Association (formerly the National Tire Dealers and Retreader Association, International Tire Retread Association and the Tire Association of North America.
   3. Tread Rubber Manufacturer production process and procedures programs such the offered by Bandag, Inc., Michelin Retread Technology and Goodyear Authorized Retread.
   4. The retread vendor must have a Cooperative Plant Quality Certification (CPQT) certificate demonstrating compliance with the Federal Standard for the quality compliance with the administrator's approval and requirements manual for tires, pneumatic, retreaded and repaired (CTQP-441) retreading or repair of U.S. Government tires.
   5. The new tire manufacturer's guidelines for retreading of that manufacturer's worn tire shall be followed, when not in conflict with specifications as given below.

1.3 Facility Inspection:

A. The City may require inspection of the bidder's facilities before award, to assure that bidder is capable of meeting specifications.
B. After award the City may also inspect the vendor's facility at any time during regular business hours without giving prior notice.
C. Rubber or other material samples may be taken by the inspector for analysis of the material content.

1.4 Environmental Stewardship:

All municipal agencies and operations are strongly encouraged to use retreaded tire products to help reduce the environmental impacts associated with the use of petroleum, steel and waste tire disposal.

1.5 Vendor Uniformity:

One vendor with Federal DOT (Department of Transportation) registered facility(s) shall supply all retread tires and tire repairs, tire/wheel pick up/delivery and fleet monitoring covered by this specification, off-road tire retreading and wheel refinishing excluded. No out sourcing allowed except for wheel refinishing and off road and specialty tire retreading. Award will be made on an "**ALL OR NONE BASIS**". Failure to provide all requested information may result in the whole bid being considered non-responsive.

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

2.0 Tire Pick Up/Deliver Locations and Requirements:

2.1 Tires and wheel assemblies shall be able to be picked up and delivered to the following locations. Locations may change during the course of the awarded agreement:

A. Denver International Airport, 27500 E. 80th Avenue.
B. Fleet Maintenance Roslyn, 5440 Roslyn St.. Buildings "B", "C", and "D"
C. Fleet Maintenance CPC Campus, 1271 W. Bayaud St.

2.2 The vendor shall provide the pickup of tires for retreading, dismounting of tires, cleaning and repainting of wheels as required, tire repairs, tire retreading service and return tires mounted on rims within:

A. Highway tire retreading turnaround time seven (7) calendar days after pickup of casings (National Holidays excluded).
B. Off-Road and specialty tire retreading turnaround time fourteen (14) calendar days after pickup of casings (National Holidays excluded). Tires may be out sourced.

3.0 Quality Control:

3.1 Vendor Required Information:

A. The vendor shall provide name, location, and DOT facility registration number for each facility used to supply the City agreement. No out sourcing allowed except for off-road (OTR) and specialty tire retreading.
   1. DOT Facility Registration Number: **WKJ**
   2. Name of DOT Registered Facility: **Wingfoot Commercial Tire Systems, LLC dba Goodyear Retread Plant**
   3. Address of DOT Registered Facility: **4970 Cook St., Denver, CO 80216**

B. The Supplier shall inspect each retread tire casing to ensure that each tire meets DOT and the vendor's criteria for a high-quality durable retread. The following minimal inspection shall be performed on each tire.
   1. Visual inspection of tread surface, sidewalls, beads and inside of tire.
   2. Nail Detection (NDT II) or electric spark/ground method.
   3. A Non-destructive Shearography technology inspection must be completed on every tire casing to include crown belts, inner liner, sidewalls and beads areas.
   4. Another City and Industry approved inspection method.

C. Tires shall not be buffed until the tire passes the above item B inspections.

Company Name: **The Goodyear Tire & Rubber Company**

D. Tires that do not pass the inspection process shall be:
   1. Clearly tagged with the reason the tire failed the inspection and returned to the City for disposal (at the City's option).
   2. Provide the City with a monthly "Reject Tire Casing" report which includes: why casing was rejected, how many tires failed by size/type and casing manufacturer.

E. The vendor's facilities and personnel involved in retreading and repair processes of tires shall be certified by the authorized retread manufacturer to include:
   1. Repair of tires to include: dismounting and mounting tires on wheels, inspection of tires, nail hole repairs, section repairs, bead repairs, liner repairs and any other skilled work involved in repairing tires.
   2. Retreading of tires to include: inspection of tires, nail hole repairs, section repairs, bead repairs, liner repairs, buffing of casing to proper specifications, proper application of new tread rubber, proper curing of tire and any other skilled work involved in retreading tires.

F. Vendor shall keep current employee certifications at the facility where the employee works for inspection by the City.

3.2 Changes in Retread Sizes or Methods/Procedures:

A. Retread tread sizes "Base Widths" are shown in millimeter widths. Should the Supplier use a Tread Rubber Manufacturer which states the "Base Width" in inches that retread tread size shall be the one most closely matching the millimeter width.

B. During the term of the agreement, the Supplier shall notify the City Purchasing Office immediately (within 24 hours) of any changes in the retread tread sizes or methods/procedures to the retreading/repair procedures.

C. The Vendor shall retread the casing to the widest possible width, under the specifications of the original tire manufacturer, that the tire will allow. Exceptions only on casings owned by the City and County that were previously retreaded.

3.3 Retread Methods:

A. On-Highway Tires:
   1. For all on-highway applications only the pre-cure method of retreading shall be employed.
   2. Highway tire retreading turnaround time 7 calendar days of request or less (National Holidays excluded)

B. Off-Highway (OTR) and Specialty Tires:
   1. For off-highway applications (loaders, graders, tractors etc) mold-cure retreading may be employed if prior approval by Fleet Maintenance Division is obtained.
   2. Retreading turnaround time 14 calendar days of request or less (National Holidays excluded). Tires may be out sourced.

Company Name: The Goodyear Tire & Rubber Company

4.0 Submittals:

4.1 Bidders offering the retreaded tire product and tire repair products shall provide a detailed description of the tire retreading process, a copy of the tire retreading company's quality control procedure and a list of five (5) fleets using the proposed tire repair and retreading process in at least 100 vehicles. The list must contain the company's name, a contact person and telephone number upon request.

4.2 Supplier is required to be able to submit product sample of each tread type for review and analysis upon request.

4.3 Supplier is required to submit all required documentation required in Section 6.0, Environmental Procedures, Inspections of Records and Facilities of this specification upon request.

5.0 Warranty:

5.1 The Supplier shall provide to the City a comprehensive warranty against product defects in workmanship, materials, retreading and repair process of the retread tire product. Any costs for repairing the City's equipment incurred as a result of the City's use of defective or non-compliant products covered by this specification and provided by the Supplier shall be borne by the Supplier and shall be grounds for termination of the agreement, at the City's option.

5.2 All retreaded tires shall be guaranteed against defects in workmanship and materials for the tread life of each reteaded tire and casing.

A. If failure occurs in the first 25% of the tread life a credit shall be provided for the full amount of the original retread tire cost.
B. If failure occurs after and above 25% of the tread life a prorated credit shall be issued for the full amount of the original retread tire cost.
C. Tread life is defined as the tread depth in 1/32" increments between the new tread depth and the last 2/32" of tread depth on the tire.
D. Tread depth shall be determined by measuring the circumference tread depths at 6 evenly spaced locations in each tread groove and averaging the measurements. Measurements shall not be taken on tread depth wear bars.

5.3 If a retreaded tire is found to be defective in material or workmanship, such tire shall either be repaired or retreaded again at the current agreement cost at time of adjustment.

A. If tire casing meets specifications for retreading the same tire casing maybe retreaded.

Company Name: The Goodyear Tire & Rubber Company

B. Should a tire casing defect caused by a workmanship or material issue, prevent retreading a casing either a prorated cost credit allowance shall be provided toward future tire purchases/repairs or a cash payment made to the City. The City has the right to decide which reimbursement method is in the City's best interest.

5.4 Adjustment and allowance example for warranty.

A. Adjustment shall be calculated by (measured tread depth average using section 5.2.D) ÷ (original tread depth - 2/32" wear limit) = (remaining tread %) X (cost of retreaded tire)

B. Example: (remaining tread depth = 7/32") (original tread depth = 30/32") (wear limit = 2/32") (original cost $120.00)7/32" ÷ 28/32" (30/32" – 2/32") = .25 or 25% X $120.00 (original cost) = $30.00 credit toward replacement

5.5 Tire adjustment credits shall be issued to the authorizing / requesting City Agency within five (5) calendar days of the adjustment.

6.0 Environmental Procedures, Inspections of Records and Facilities:

6.1 Transportation:

A. The successful bidder, in routine performance of services must provide to the client agency the following documentation:

B. Up-to-date and accurate MSDSs and technical data sheets on all products supplied to the City under this agreement.

C. Bills of Lading or other shipping papers, as appropriate for all hazardous materials (those materials of trade for which there exists a Proper Shipping Name in 49 CFR 172.101) "Hazardous Materials" delivered to city facilities.

D. Bills of Lading or other shipping papers, as appropriate for all non-hazardous wastes or recyclable products transported from city facilities.

E. The City reserves the right to terminate the agreement of any vendor that consistently fails to supply such documentation.

6.2 Environmental Compliance:

A. At all times during provision of services to the City the contractor will operate in full compliance with all applicable environmental regulations, all other applicable Federal, State and Local codes, and hold and maintain all necessary permits.

B. The vendor must inform the City of any permit violations or problems operating within discharge and emissions limits. Violation of any treatment, discharge, or emissions permit pertinent to services provided to the City will be grounds for termination of services to the City.

C. Expiration and non-renewal of any treatment discharge, or emissions permit required for continued operation and pertinent to services provided to the City will be grounds for termination of services to the City.

6.3 Environmental Compliance Assurance Literature:

All bids must include the following information as it pertains to services offer to the City:

A. Description of the bidder's tire retreading, tire repair, and wheel painting processes.
B. Description of the bidder's waste streams, waste management, and waste disposal practices (including any best management practices employed to diligently maintain compliance with environmental law).
C. Waste Characterization data/waste profiles for general (or co-mingled) wastes generated by services offered to the City.
D. Bids submitted without this environmental compliance assurance information may be considered as non-responsive and rejected.
E. The City shall have the right to inspect the retread tire and wheel painting facilities of the successful bidder from time to time during the term of agreement performance to insure such compliance.

7.0 Completion of Bid Items and Alternates:

A. Vendor shall complete each line item in Sections 10.0- "Tire Retreading Basic Requirements", 11.0-" Vendor Supplied Casing for Retreading", 12.0- "Vendor Supplied Tire Casing Repairs and Repairs", 13.0- "Siping":, 14.0-"Wheel Refinishing", 15.0 "Required Services", and 16.0 "Grand Total Price Comparison" for the product and "Price" columns in the following manner
B. "Tire Retreading Technical Section" provides technical information for each technical characteristic. **Failure to provide <u>any of the requested information</u> may make bid non-responsive.**
C. Pricing shall be provided in the additional MircoSoft Excel Spreadsheet. Once completed, the spreadsheet shall be uploaded as an Excel document, and not as any other type of file (e.g. PDF, Word, Note, etc.)

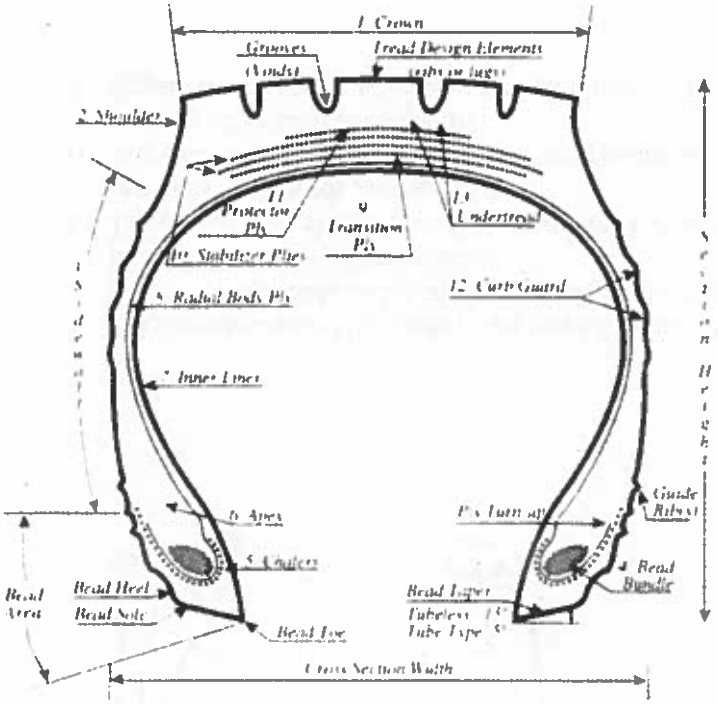
Company Name: **The Goodyear Tire & Rubber Company**

8.0 Tire Repairs and Methods:

8.1 Radial Tire Components and Definitions

Components	Definition
1. Crown	The tread area
2. Shoulder	The transition area between the crown and the sidewall.
3. Sidewall	The "side" of the tire between tread and bead.
4. Bead Bundle	High tensile wire that maintains the bead diameter and holds the tire to the rim/wheel – anchor for body plies.
5. Chafers	A layer of ply that covers and protects the body ply/turn-up.
6. Apex	Special rubber compounds which fill the bead and lower sidewall. Provide a transition from the stiff bead to the flexible sidewall. Design affects stability of the tire sidewall.
7. Inner Liner	Layer(s) of rubber especially compounded to resist air and moisture infiltration.
8. Radial Body Ply	Provides strength to contain the air pressure.
9. Transition Ply	Transition from the body ply to the crown area plies.
10. Working Plies/Stabilizer Plies	Belt plies that stabilize the tread, provide directional stability and control, strengthen the tire, and resist cuts and punctures to the air chamber.
11. Protector Ply Belts	Protects the working plies from shock damage and penetrations
12. Curb Guard/Protector Ribs	Protects sidewalls from cuts and abrasions from contact with street curbs or other obstructions.
13. Undertread	Rubber between top belt ply and the bottom of tread grooves.

Company Name: The Goodyear Tire & Rubber Company

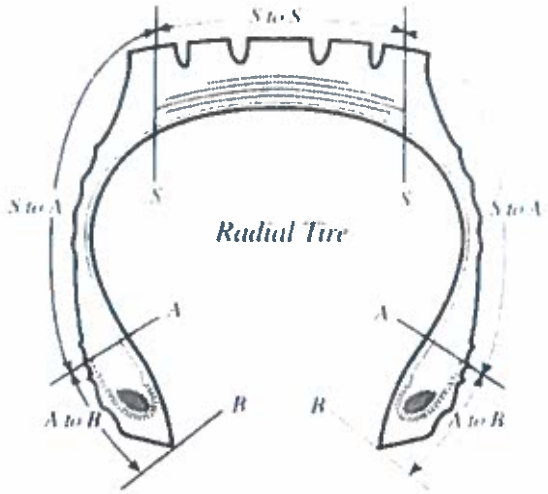


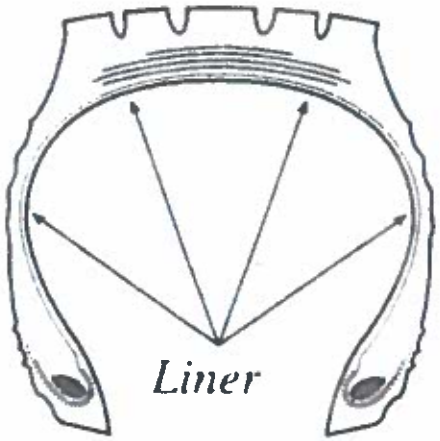
8.2 Refer to Specification Sections 8.1 (Radial Tire Components and Definitions) and 8.3 (Repair Definitions and Repair Methods) for tire terminology.

Company Name: **The Goodyear Tire & Rubber Company**

8.3 Repair Definitions and Repair Methods:

A. Refer to "Typical Tire Cross Section View" diagram for clarification:



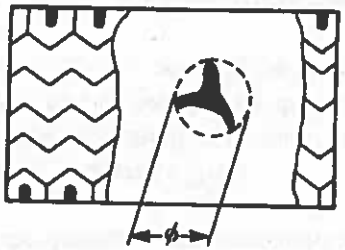


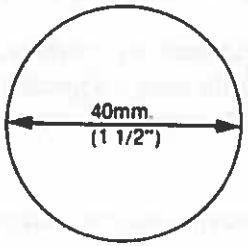
Typical Tire Cross Section View

B. All repairs installed throughout the inspection and repair process shall conform to the highest standards in inspection, quality of materials and workmanship of the industry. Durability shall be sufficient to allow safe and efficient operation of the vehicle on any wheel position.
C. Tire inspections shall be carefully performed on a well-lighted "tire spreader machine" capable of completely revealing all damages both inside and outside.
D. The finished tire repair shall permit the repaired tire to be re-used in the type service for which it was designed without limiting its future retreadability.
E. Repair areas either nail hole or section repairs shall not overlap.

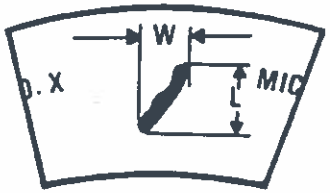
Company Name: The Goodyear Tire & Rubber Company

F. Sidewall repairs, only one (1) repair per body radial cable permitted. The radial body cable runs across the tire from bead to bead therefore if a radial body cable is damaged and repaired with a section repair on one side wall the same cable can not be repaired on the opposite sidewall.
G. External or outside-in repair methods using sealants, string, rubber bands or rivet type plugs shall not be used.
H. Sidewall repairs that damage plies in the bead (A to B) area of the tire are not permitted. The area encompasses the bead bundle, ply turn-up and the chafer plies.
I. All tires shall be dismounted, fully inspected for internal damage prior to commencing repair.
J. Maximum Tire Damage Size:
    1. Largest tire damage area that may be repaired crown area of tire from (S to S) area is:
        a. For 16" to 19.5" light commercial tires a 1" diameter (Ø) size with all damage removed. Tires with larger damaged areas shall not be repaired or retreaded and shall be returned to the City with appropriate paperwork listing reason for not working on tire. The (S to S) area is the tread belt area between the outside edges of the belts.
        b. For 9R22.5" to 12.00R22.5"heavy-duty tires a 1 ½" diameter (Ø) size with all damage removed. Tires with larger damaged areas shall not be repaired or retreaded and shall be returned to the City with appropriate paperwork listing reason for not working on tire. The (S to S) area is the tread belt area between the outside edges of the belts.





2. Radial Ply Damage shall be measured by:
   a. Length (L) along the cords.
   b. Width (W) across the cords or perpendicular to cords.



3. Crown Ply Damage:
   a. Diameter of the damaged area measured from the inner most damaged crown working ply.

K. Crown Hole Repairs: (S to S area of tire)
   1. Repair ≤1/4" between tire shoulders: Maximum injury size ≤ ¼" diameter to 3rd belt down; all rust and damage must be removed. Hole shall be repaired by drilling, plugged with warm extruded rubber during the retread process. . During tire repair only a 2-piece plug/patch system may be used for repairs. An appropriate sized repair patch shall be installed on liner.
   2. Repair > 1/4" to ≤ 1 1/2" in Crown area (between tire shoulders): all rust and damage must be removed. Hole shall be repaired by drilling, plugged with warm extruded rubber during the retread process. During tire repair only a 2-piece plug/patch system may be used for repairs. An appropriate sized reinforced section repair patch shall be installed on liner.

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L. Sidewall Repairs: (S to A area of tire)
1. Spot Repair: ≤ 1/16" diameter with no radial body cord damage: Rubber damage only, no damage to under lying radial ply. The radial ply may be uncovered; however, if damaged an appropriate sized section repair is required.
2. All rust and damage shall be removed and an appropriate sized reinforced section repair patch installed on liner
3. Section Repair: >1/16" between shoulder and bead areas: Sidewall maximum injury size fit within the following sizes measured per Section 8.3.J.2:

a. 4 3/4" (L) x 1- Radial Cable (W)
b. 5 1/8" (L) x 3/8" (W) or 120 mm (L) x 10 mm (W).
c. 4 3/8" (L) x 3/4" (W) or 90 mm (L) x 20 mm (W).
d. 3 1/8" (L) x 1" (W) or 70 mm (L) x 25 mm (W).

M. Bead Repairs: (A to B area of tire)
1. Damage to the bead (toe) to (heel) area that would allow air loss when tire is mounted on rim or for air to seep through the inner liner into the body plies: The size of the repair is not limited, if the original bead contour is restored.
2. Sidewall repairs that damage plies in the bead (A to B) area of the tire are not permitted. The area encompasses the bead bundle, ply turn-up and the chafer plies.

N. Liner Repair (Tubeless Tire Liners Only):
1. Rubber damage only; the radial ply cannot be exposed or damaged cover the area with an appropriate sized repair patch.
2. Radial ply is exposed or damaged an appropriate sized section repair is required.
3. Splits may occur in the radial ply of a damaged radial tire: Repair shall consist of removal of the liner around the injury to remove the split and covering the area with an appropriate sized repair patch.

O. Brake Lock Repair: An area worn flat by skidding on the tire tread. Tire cannot be reused on steer axle.
   1. When wear is down to 1st tread belt with a ¾" maximum dimension: Damage must be repaired with an appropriate sized section repair.
   2. Flat tread area: Flat area shall be filled with warm extruded rubber, circumference buffed round and regrooved.

9.0 Buffing of Tire Casing:

A. All tire casings shall be buffed in accordance with the most current Retread/New Tire Manufacture Tire Facts publication.
B. Tire casing shall be buffed for appropriate
   1. Tread size (width)
   2. Buffing radius,
   3. Trim angle
   4. Under tread thickness. In no case shall a tire casing be buffed into the steel bands or cords.
C. Example: Michelin XZUS2 315/80R22.5 or Equivalent
   1. Tread size (width) :14" or 280/270 mm
   2. Buffing radius: 24" or 609 mm
   3. Trim angle: A = 50°
   4. Under tread thickness: 4.0 – 5.0 mm.

10.0 Tire Retreading Basic Requirements, or approved equal:

10.1 This specification covers:

A. Various sizes of retreaded tires to be used in a mixed fleet application in heavy-duty truck/trailer/equipment applications.

B. The retreaded tire is required to: (1) provide effective tire tread life from new tread depth to 5/32" tread depth; (2) provide an economical alternative to purchasing new tires; (3) Provide excellent heat resistance and (4) Provide excellent road hazard resistance.

10.2 Heavy-Duty "Sweeper or Street/Highway Rib" Tread Pattern Retread Tires:

	Technical Section	Product Technical Information		
A.	Product Trade Name:	**Goodyear Precured Authorized Retreads**		
B.	Product Code or Identification Number (if applicable):	**N/A**		
C.	Tread Pattern Design must be submitted with bid or bid will be considered non-responsive.			
D.	Product Physical Properties:	Minimum	Maximum	Typical
	1. Tensile Strength: in psi	**2,000** psi	**--** psi	**2,400** psi
	2. Elongation:	**380+** %	**700** %	**500** %
	3. Modulus:			
	~~a. 100%: in psi~~			
	b. 300%: in psi	**1,300**	**1,800**	**1,400**
	4. Hardness: Using Shore Scale A	**64** A	**69** A	**65** A
	5. Flexing Resistance: using DeMatia Flexer at 300 to 400 flexes/minute	**--**	**--**	**--**
	6. Rubber Hydrocarbon by weight:	**48% by volume** %	%	%
	7. Polybutadiene or natural rubber content:	**50** %	%	%
	8. Specific Gravity	**1.118**	**1.143**	**1.123**
E.	Tread rubber weight of proposed tread size for: 275/80R22.5 or 295/75R22.5 casing size 9.5 or 230 for complete tire. **Note: 9" base width for 295/75R225 casing used in estimated calculation, weight includes cushion, for PC G661 design**	Weight: **35** lbs **1.3** ozs.		

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

	Technical Section	Product Technical Information
F.	Vendor Proposed Product Tread Depth: list in 32ths of inch: **(Note: Vendor Proposed Product Tread Depth must be at least 16/32nds)**	**See NOTES on parts 10.2.1 to 10.2.4 below** Tread depth: _____/32s
G.	Tread Rubber durometer hardness per ASTM D2240 using hand held gauge with type "A" indentor point:	**See D4 above** _____"A"

10.2.1 9R17.5 "Sweeper or Street/Highway Rib" Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Tread Size: Metric (mm)	Estimated Quantity	
A.	9R17.5	**Not bid**	168	1	
B.	9R17.5	7"	177	9	**Goodyear Precure G647 16/32**

10.2.2 9R17.5 "Sweeper or Street/Highway Rib" Tread Pattern Retread Tires

TOTAL Price Heavy-Duty 9R17.5 "Sweeper or Street/Highway Rib" Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

10.2.3 11R22.5 "Sweeper or Street/Highway Rib" Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Tread Size: Metric (mm)	Estimated Quantity	
C.	11R22.5	**No Bid**	203	1	
D.	11R22.5	8.5 ""	211	1	**Goodyear Precure G661 20/32**
E.	11R22.5	8.5" or 9"	219	73	**Goodyear Precure G661 20/32**
F.	11R22.5	9"	225	1	**Goodyear Precure G661 20/32**

10.2.4 11R22.5 "Sweeper or Street/Highway Rib" Tread Pattern Retread Tires

TOTAL Price Heavy-Duty 11R22.5 "Sweeper or Street/Highway Rib" Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.3 Heavy-Duty "Traction Grip" Tread Pattern Retread Tires:

10.3.1 Traction Grip tread design shall be suitable for dump truck general use and for dump trucks with snowplows and spreaders in snow emergency plowing operations.

10.3.2 Heavy-Duty "Traction Grip" Tread Pattern Retread Tires:

	Technical Section	Product Technical Information		
A.	Product Trade Name:	**Goodyear Precured Authorized Retreads**		
B.	Product Code or Identification Number (if applicable):	N/A		
C.	Product Physical Properties:	Minimum	Maximum	Typical
	1. Tensile Strength: in psi	2,000 psi	-- psi	2,400 psi
	2. Elongation:	380 %	700 %	500 %
	3. Modulus: ~~a. 100% in psi~~			
	b. 300%: in psi	1,300	1,800	1,400
	4. Hardness: Using Shore Scale A	64 A	69 A	65 A
	5. Flexing Resistance: using DeMatia Flexer at 300 to 400 flexes/minute	--	--	--
	6. Rubber Hydrocarbon by weight:	48% by volume %	%	%
	7. Polybutadiene or natural rubber content:	50 %	%	%
	8. Specific Gravity	1.118	1.143	1.123
*** D.	Tread rubber weight of proposed tread size for: 11R22.5 casing size 9.5 or 230 for complete tire.	Weight: 39 lbs 15 ozs.		
E.	Vendor Proposed Product Tread Depth: list in 32ths of inch: **(Note: Vendor Proposed Product Tread Depth must be at least 22/32nds)**	**See NOTES on parts 10.3.3 to 10.3.12 below** Tread depth: ____/32s		
F.	Tread Rubber durometer hardness per ASTM D2240 using hand held gauge with type "A" indentor point:	**See C4 above** "A"		

***** Note: 9" base width for 295/75R225 casing used in estimated calculation, weight includes cushion, for PC G167 design**

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.3.3 10R22.5 "Traction Grip" Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Tread Size: Metric (mm)	Estimated Quantity	
A.	10R22.5	No Bid	170	1	
B.	10R22.5	7"	180	1	GoodyearPrecure G622 22/32
C.	10R22.5	7.5"	190	8	Goodyear Precure G167 22/32
D.	10R22.5	8"	200	1	Goodyear Precure G167 22/32

10.3.4 10R22.5 "Traction Grip" Tread Pattern Retread Tires:

TOTAL Price Heavy-Duty 10R22.5 "Traction Grip" Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

10.3.5 11R22.5 "Traction Grip" Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Tread Size: Metric (mm)	Estimated Quantity	
A.	11R22.5	8.5"	219	1	Goodyear Precure G167 22/32
B.	11R22.5	9"	225	1	Goodyear Precure G167 22/32
C.	11R22.5	9.25"	232	53	Goodyear Precure G167 22/32

10.3.6 11R22.5 "Traction Grip" Tread Pattern Retread Tires:

TOTAL Price Heavy-Duty 11R22.5 "Traction Grip" Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

10.3.7 12R22.5 "Traction Grip" Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Tread Size: Metric (mm)	Estimated Quantity	
A.	12R22.5	9"	219	1	Goodyear Precure G167 22/32
B.	12R22.5	9"	225	1	Goodyear Precure G167 22/32
C.	12R22.5	9.25"	232	10	Goodyear Precure G167 22/32

Company Name: The Goodyear Tire & Rubber Company

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.3.8 12R22.5 "Traction Grip" Tread Pattern Retread Tires:

TOTAL Price Heavy-Duty 12R22.5 "Traction Grip" Pattern Retread Tires	***INPUT INTO EXCEL SHEET***

10.3.9 225/70R19.5 "Traction Grip" Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Tread Size: Metric (mm)	Estimated Quantity	
E.	225/70R19.5	7"	170	1	Goodyear Precure G622 22/32
F.	225/70R19.5	7"	180	1	Goodyear Precure G622 22/32
G.	225/70R19.5	7.5"	190	9	Goodyear Precure G622 22/32
H.	225/70R19.5	8"	200	1	Goodyear Precure G622 22/32

10.3.10 225/70R19.5 "Traction Grip" Tread Pattern Retread Tires:

TOTAL Price Heavy-Duty 225/70R19.5 "Traction Grip" Pattern Retread Tires	***INPUT INTO EXCEL SHEET***

10.3.11 315/80R22.5 "Traction Grip" Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Tread Size: Metric (mm)	Estimated Quantity	
A.	315/80R22.5	9.875"	250	1	Goodyear Precure G177 Modified 27/32
B.	315/80R22.5	No Bid	260	1	
C.	315/80R22.5	10.875"	270	1	Goodyear Precure G177 Modified 27/32
D.	315/80R22.5	10.875"	280	48	Goodyear Precure G177 Modified 27/32

10.3.12 315/80R22.5 "Traction Grip" Tread Pattern Retread Tires

TOTAL Price Heavy-Duty 315/80R22.5 "Traction Grip" Tread Pattern Retread Tires	***INPUT INTO EXCEL SHEET***

Company Name: The Goodyear Tire & Rubber Company

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.4 Heavy-Duty Traction "Waste Hauler" Tread Pattern Retread Tires:

		Technical Section	Product Technical Information		
	A.	Product Trade Name:	**Goodyear Precured Authorized Retread**		
	B.	Product Code or Identification Number (if applicable):	**N/A**		
	C.	Product Physical Properties:	Minimum	Maximum	Typical
		1. Tensile Strength: in psi	**2,000** psi	**--** psi	**2,400** psi
		2. Elongation:	**380+** %	**700** %	**500** %
		3. Modulus: ~~a. 100% in psi~~			
		b. 300%: in psi	**1,300**	**1,800**	**1,400**
		4. Hardness: Using Shore Scale A	**64** A	**69** A	**65** A
		5. Flexing Resistance: using DeMatia Flexer at 300 to 400 flexes/minute	**--**	**--**	**--**
		6. Rubber Hydrocarbon by weight:	**48% by volume** %	%	%
		7. Polybutadiene or natural rubber content:	**50** %	%	%
		8. Specific Gravity	**1.118**	**1.143**	**1.123**
***	D.	Tread rubber weight of proposed tread size for: 11R22.5 casing size 9.5 or 230 for complete tire.	Weight: **47** lbs **7** ozs.		
	E.	Vendor Proposed Product Tread Depth: list in 32ths of inch: **(Note: Vendor Proposed Product Tread Depth must be at least 30/32nds)**	**See NOTES on parts 10.4.1 to 10.4.6 below** Tread depth: _____/32s		
	F.	Tread Rubber durometer hardness per ASTM D2240 using hand held gauge with type "A" indentor point:	**See C4 above** "A"		

*** **Note: 9" base width for 295/75R225 casing used in estimated calculation, weight includes cushion, for PC G292 design**

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.4.1 11R22.5 "Waste Hauler" Traction Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Metric (mm)	Estimated Quantity	
I.	11R22.5	8.5"	210	1	Goodyear Precure G292 32/32
J.	11R22.5	No Bid	220	1	
K.	11R22.5	9"	230	40	Goodyear Precure G292 32/32
L.	11R22.5	9.5"	240	1	Goodyear Precure G292 32/32

10.4.2 11R22.5 "Waste Hauler" Traction Tread Pattern Retread Tires:

TOTAL Price Heavy-Duty 11R22.5 "Waste Hauler" Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

10.4.3 315/80R22.5 "Waste Hauler" Traction Tread Pattern Retread Tires: Sizes, Estimated Quantity:

	Tire Size:	Tread Size: Size	Metric (mm)	Estimated Quantity	
A.	315/80R22.5	9.875"	250	1	Goodyear Precure G292 32/32
B.	315/80R22.5	No Bid	260	1	
C.	315/80R22.5	10.625"	270	460	Goodyear Precure G292 32/32
D.	315/80R22.5	11.375"	280	460	Goodyear Precure G292 32/32

10.4.4 315/80R22.5 "Waste Hauler Traction" Tread Pattern Retread Tires

TOTAL Price Heavy-Duty 315/80R22.5 "Waste Hauler Rib" Tread Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

10.4.5 315/80R22.5 "Waste Hauler Rib" Tread Pattern Retread Tires: Sizes, Estimated Quantity and Pricing:

	Tire Size:	Tread Size: Size	Metric (mm)	Estimated Quantity	
A.	315/80R22.5	9.5"	250	1	Goodyear Precure G289 26/32
B.	315/80R22.5	No Bid	260	1	
C.	315/80R22.5	10.625"	270	5	Goodyear Precure G289 26/32
D.	315/80R22.5	11.375"	280	5	Goodyear Precure G289 26/32

Company Name: The Goodyear Tire & Rubber Company

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.4.6 315/80R22.5 "Waste Hauler Rib" Tread Pattern Retread Tires

TOTAL Price Heavy-Duty 315/80R22.5 "Waste Hauler Rib" Tread Pattern Retread Tires	***INPUT INTO EXCEL SHEET***

10.5 Heavy-Duty Traction "Waste Trailer" Tread Pattern Retread Tires:

		Technical Section	Product Technical Information		
	A.	Product Trade Name:	**Goodyear Precured Authorized Retreads**		
	B.	Product Code or Identification Number (if applicable):	**N/A**		
	C.	Product Physical Properties:	Minimum	Maximum	Typical
		1. Tensile Strength: in psi	**2,000** psi	**--** psi	**2,400** psi
		2. Elongation:	**380+** %	**700** %	**500** %
		3. Modulus: ~~a. 100% in psi~~	**1,300**	**1,800**	**1,400**
		b. 300%: in psi			
		4. Hardness: Using Shore Scale A	**64** A	**69** A	**65** A
		5. Flexing Resistance: using DeMatia Flexer at 300 to 400 flexes/minute	**--**	**--**	**--**
		6. Rubber Hydrocarbon by weight:	**48 % by volume** %	____ %	____ %
		7. Polybutadiene or natural rubber content:	**50%** %	____ %	____ %
		8. Specific Gravity	**1.118**	**1.143**	**1.123**
***	D.	Tread rubber weight of proposed tread size for: 11R22.5 casing size 9.5 or 230 for complete tire.	Weight: **42** lbs **2** ozs.		
	E.	Vendor Proposed Product Tread Depth: list in 32ths of inch: **(Note: Vendor Proposed Product Tread Depth must be at least 16/32nds)**	**See 10.5.1 to 10.5.2 below for details** Tread depth: ____/32s		
	F.	Tread Rubber durometer hardness per ASTM D2240 using hand held gauge with type "A" indentor point:	**See C4 above** "A"		

*** **Note: 9" base width for 295/75R225 casing used in estimated calculation, weight includes cushion, for PC G289 design**

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.5.1 **315/80R22.5 "Waste Trailer" Tread Pattern Retread Tires: Sizes, Estimated Quantity:**

	Tire Size:	Tread Size: Inch	Metric	Estimated Quantity	
A.	315/80R22.5	9.5"	250	1	Goodyear Precure G289 26/32
B.	315/80R22.5	No Bid	260	1	
C.	315/80R22.5	10.625"	270	4	Goodyear Precure G289 26/32
D.	315/80R22.5	11.375"	280	4	Goodyear Precure G289 26/32

10.5.2 **315/80R22.5 "Waste Trailer" Tread Pattern Retread Tires**

TOTAL Price Heavy-Duty 315/80R22.5 "Waste Trailer" Tread Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

10.6.1 **425/65R22.5 "Mixed Service" Tread Pattern Retread Tires: Sizes, Estimated Quantity:**

	Tire Size:	Tread Size: Size	Metric (mm)	Estimated Quantity	
M.	425/65R22.5	16.5	315/320	15	Goodyear Precure G296 23/32

10.6.2 **425/65R22.5 "Mixed Service" Tread Pattern Retread Tires:**

TOTAL Price Heavy-Duty 425/65R22.5 "Mixed Service" Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

10.6.3 **445/65R22.5 "Mixed Service" Tread Pattern Retread Tires: Sizes, Estimated Quantity:**

	Tire Size:	Tread Size: Size	Metric (mm)	Estimated Quantity	
N.	445/65R22.5		355	20	Goodyear Precure G296 23/32

10.6.4 **445/65R22.5 "Mixed Service" Tread Pattern Retread Tires:**

TOTAL Price Heavy-Duty 445/65R22.5 "Mixed Service" Pattern Retread Tires | ***INPUT INTO EXCEL SHEET***

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

10.7 Price Percentage Adjustment: Published Price Lists: ***INPUT INTO EXCEL SHEET***

10.7.1 Other Retread Tires

Discount off Published Price List from vendor for all other sizes of retreaded tires with casing.

10.7.2 Other Tire Repairs and Services

Discount off Published Price List from vendor for all other sizes and types of repairs and services.

10.7.3 Other Services

Discount off Published Price List from vendor for all other services.

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

11.0 Vendor Sourced Casings for Retreading: (Third Party -Not City Origin)

A. All tire casings shall be virgin (Never Recapped) severe-service casings (no bus/coach casings except in 315/80R22.5 which can be no less than load range "L" or 20-ply rating 10,000-lb single tire rating). If the City elects to purchase "bus/coach" casings they shall be no less than load range "J" or 18 ply equivalent 9,000-lb single tire rating.

B. Used tire casing preferences are: Michelin, Bridgestone, Goodyear and B.F. Goodrich, Firestone. Under no circumstance shall a casing brand not currently being purchased by the City or brand other than those listed specifically above be sold to the City without prior written approval.

C. Tire casing shall not have any nail hole repairs larger than ¼", no crown section repairs, no sidewall repairs, no bead repairs no liner splitting or other injuries requiring a reinforced patch repair.

11.1 Michelin Tire Casings or Equivalent:

	Tire Size:	Allowed Tire Repairs	Estimated Qty
A.	11R22.5-G	No Holes or Defects	8
B.	11R22.5-G	One Nail Hole	5
C.	11R22.5-G	Two Nail Holes	1
D.	11R22.5-G	Three Nail Holes	1
E.	12R22.5	No Holes or Defects	2
F.	12R22.5	One Nail Hole	1
G.	12R22.5	Two Nail Holes	1
H.	12R22.5	Three Nail Holes	1
I.	275/80 or 295/75R22.5-G	No Holes or Defects	2
J.	275/80 or 295/75R22.5-G	One Nail Hole	1
K.	275/80 or 295/75R22.5-G	Two Nail Holes	1
L.	275/80 or 295/75R22.5-G	Three Nail Holes	1
M.	315/80R22.5-J, 18 Ply	No Holes or Defects	20
N.	315/80R22.5-J, 18 Ply	One Nail Hole	5
O.	315/80R22.5-J, 18 Ply	Two Nail Holes	1
P.	315/80R22.5-J, 18 Ply	Three Nail Holes	1
Q.	315/80R22.5-L, 20 Ply	No Holes or Defects	300
R.	315/80R22.5-L, 20 Ply	One Nail Hole	5
S.	315/80R22.5-L, 20 Ply	Two Nail Holes	1
T.	315/80R22.5-L, 20 Ply	Three Nail Holes	1

Company Name: The Goodyear Tire & Rubber Company

CCD EXHIBIT B - MPO # 0135A0117 - Continued

11.2

TOTAL Price Heavy-Duty Casings Vendor Supplied for Recapping (Sum 'Total Casing Column)	***INPUT INTO EXCEL SHEET*** **$**

12.0 Tire Casing Repairs, Additional Repairs per Section 8.0, and Disposal: (Applicable to Vendor Sourced AND City Origin Casings)

12.1 Repairs Description for Severe Use

	Repair Description for Severe Use		Estimated Quantity
A.	Crown Nail Hole Repair ≤ 1/4"		620
B.	Crown Reinforced Nail Hole > 1/4" to 3/8"		120
C.	Crown Section Hole Repair > 3/8" to ≤ 1/2"		50
D.	Crown Section Hole Repair > 1/2" to ≤ 3/4"		50
E.	Crown Section Hole Repair > 3/4" to ≤ 1"		50
F.	Crown Section Hole Repair > 1" to ≤ 1 1/4"		50
G.	Crown Section Hole Repair > 1 1/4" to ≤ 1 1/2"		50
H.	Sidewall Spot Repair (rubber damage only)		1425
I.	Sidewall Section Repair		
J.	Width	Length	
K.	1 Cable	≤ 1 1/2"	10
L.	1 Cable	≤ 3 1/8"	10
M.	1 Cable	≤ 4 3/4"	10
N.	1 Cable	≤ 6"	10
O.	≤3/8"	≤ 1 1/2"	10
P.	≤3/8"	≤ 2 3/8"	10
Q.	≤3/8"	≤ 3 1/8"	10
R.	≤3/8"	≤ 5 1/8"	10
S.	≤1/2"	≤ 1 1/2"	10
T.	≤1/2"	≤ 2 3/4"	10
U.	≤1/2"	≤ 3 3/4"	10
V.	≤1/2"	≤ 5 1/8"	10

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

	Repair Description for Severe Use		Estimated Quantity
W.	≤3/4"	≤ 1"	10
X.	≤3/4"	≤ 2 1/2"	10
Y.	≤3/4"	≤ 4 3/8"	10
Z.	≤3/4"	≤ 5 1/8"	10
AA.	≤1"	≤ 2"	10
BB.	≤1"	≤ 3 1/8	10
CC.	≤1"	≤ 4"	10
DD.	≤1 1/2"	≤ 2"	10
EE.	≤1 1/2"	≤ 3 1/8"	10
FF.	Bead Repair		112
GG.	Liner Repair		200
HH.	Brake Lock Repair per 1/32" Tread Depth		2 tires with requiring 4/32" deep fill
II.	Truck Tire Disposal Charge (For City Origin Casings that are unable to be retreaded)		50

12.2

TOTAL Price Vendor Supplied Tire Casing Repairs per Section 8.0	**$_____ *INPUT INTO EXCEL SHEET***

13.0 Tire Siping

	Service Description	Estimated Quantity
A.	Tire sipping medium and large truck (cutting slices into tread for increased traction).	1

13.1

TOTAL Price Vendor Supplied Tire Sipping	***INPUT INTO EXCEL SHEET***

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

14.0 Wheel Refinishing:

A. Wheels shall be completely inspected for cracks, deformed stud holes, burrs, warp age, deformation of flange and other defects before and after bead blasting.
B. Wheels with any cracks or other significant problems shall be tagged with the defect and returned to the City for disposal.
C. Wheels shall be bead blast to remove all old paint
D. Paint:
   1. Color: "Bright White"
   2. Electrostatically applied powder epoxy coated finish. Finish/Paint thickness shall be 2 – 4 mm minimum. Paint shall not too thick in lug nut area where paint thickness could affect wheel/lug nut torque.
   3. Surface preparation sandblasted to remove rust, mill scale and other surface imperfections.

14.1

	Repair Description	Estimated Quantity
A.	Bead Blast, Inspect and Repaint 22.5 x 8.25" steel wheel rim with "Bright White" Powder Epoxy Paint	10
B.	Bead Blast, Inspect and Repaint 22.5 x 9.0" steel wheel rim with "Bright White" Powder Epoxy Paint	10
C.	Bead Blast, Inspect and Repaint all other vehicle medium truck sizes of steel wheel rims with "Bright White" Powder Epoxy Paint	10

14.2

TOTAL Price Wheel Refinishing | ***INPUT INTO EXCEL SHEET***

Company Name: **The Goodyear Tire & Rubber Company**

CCD EXHIBIT B - MPO # 0135A0117 - Continued

15.0 Required Services:

15.1 Vendor Dismount and Remount Program:
Vendor shall pick up tires requiring repair or retreading mounted on wheels. Vendor shall return all tires mounted on a wheel and inflated to proper application air pressure.

	Dismount and Remount Description	Estimated Quantity
A.	Tire 11R22.5 on 22.5 x 8.5" wheel	10
B.	Tire 315/80R 22.5 on 22.5 x 9.0" wheel	10

TOTAL Price Vendor Dismount and Remount Program | ***INPUT INTO EXCEL SHEET***

15.2 Road and Service Calls: ***INPUT INTO EXCEL SHEET***

A. Vendor shall provide emergency 24-hour road call service within the City and County of Denver and surrounding metropolitan areas that City vehicles may operate.

B. Extent of operational area shall be an arc between the following points:
   1. North I-25 and Colorado Highway 7
   2. South I-25 and Happy Canyon Road
   3. East: I-70 and Gun Club Road
   4. West I-70 and Evergreen Exit at I-70
   5. Denver International Airport

C. Areas outside the area listed in this specification section B shall be charged on a cost per mile and time basis for travel. The following rates shall apply:
   1. Cost per mile distance from vendors shop: ***Input into Excel Sheet***/mile
   2. Cost per travel hour: Regular business hours 7:00 am to 5:00 pm M-F: ***Input into Excel Sheet***/hour
   3. Cost per travel hour: After business hours 5:01 pm to 6:59 am to M-F: ***Input into Excel Sheet***/hour
   4. Cost per travel hour: Saturday, Sunday and Holidays: ***Input into Excel Sheet***/hour

CCD EXHIBIT B - MPO # 0135A0117 - Continued

D. Work Rates:

1. Automobile:

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Spin Balance	1
C.	Flat Repair	1
D.	Rotate Tires	1

2. Light Truck Class 1 thru Class 3:

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Spin Balance	1
C.	Flat Repair	1
D.	Rotate Tires	1
E.	Pneumatic Torque	1

3. Medium Truck Class 4 thru Class 6:

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Spin Balance	1
C.	Flat Repair	1
D.	Rotate Tires	1
E.	Pneumatic Torque	1

4. Heavy Truck Class 7 thru Class 8:

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Spin Balance	1
C.	Flat Repair	1
D.	Rotate Tires	1
E.	Pneumatic Torque	1

Company Name: The G

CCD EXHIBIT B - MPO # 0135A0117 - Continued

5. Industrial and Tractor Tires: Skid Steer type approximate sizes 10 x 16.5 and 12 x 16.5

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Flat Repair	1
C.	Rotate Tires	1

6. Industrial and Tractor Tires: Utility Tractor approximate sizes 8.3 x 24 through 12.4 x 24

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Flat Repair	1
C.	Rotate Tires	1

7. Industrial and Tractor Tires: Loader/Backhoe approximate sizes 14.9 x 24 through 21L24

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Calcium (fill and remove) Cost per gallon	1
C.	Flat Repair	1
D.	Rotate Tires	1

8. Industrial and Tractor Tires: Large Tractor approximate sizes 16.9 x 28 through 710/70 x 42

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Calcium (fill and remove) Cost per gallon	1
C.	Flat Repair	1
D.	Rotate Tires	1

Company Name: The Goodyear Tire & Rubber Company

CCD EXHIBIT B - MPO # 0135A0117 - Continued

9. Industrial and Tractor Tires: Road Grader approximate sizes 12.00 x 24 through 14.00 x 24

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Flat Repair	1
C.	Rotate Tires	1

10. Industrial and Tractor Tires: Small Loader approximate sizes 15.5 x 25 through 17.5 x 25

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Flat Repair	1
C.	Rotate Tires	1

11. Industrial and Tractor Tires: Medium Loader approximate sizes 20.5 x 25, 23.5 x 25, 16.00 x 24 through 18.00 x 33

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Calcium (fill and remove) Cost per gallon	1
C.	Flat Repair	1
D.	Rotate Tires	1

12. Industrial and Tractor Tires: Large Loader approximate sizes 26.5 x 25 through 37.25 x 35

	Repair Description	Estimated Quantity
A.	Dismount and Mount	1
B.	Calcium (fill and remove) Cost per gallon	1
C.	Flat Repair	1
D.	Rotate Tires	1

TOTAL Price Wheel Pricing Work Rates (Numbers 1-12 above)	***Input into Excel Sheet***

Company Name: **The Goodyear Tire & Rubber Company**

15.3 Vendor Tire Inspection Program

A. Bidders shall submit for review with the bid a sample of their company's tire inspection program and tire inspection report.
B. The tire inspection program shall assist the City in optimizing the use of tires and extend tire life in City operations. The tire inspection program shall also help reduce tire failures due to low air pressure, mis-matched tires or other problems that effect fleet uptime.
C. Vendor shall supply to the City, and at inspection, install inflation pressure decals above each tire on the fender or body. The decal shall be white or clear with black letters/numerals i.e. TP110 or TP45. Decals shall be in 5-lb increments from 30 psi up to 130 psi for use on pick-up trucks to Class 8 trucks and equipment. The decals can be purchased from Deco-Art, Elkhart IN (800) 225-6879 Quote # J18265-01.
D. The City will provide the Vendor with a list of vehicles by location. (See inspection sites)
E. Vendor shall inspect a sample of City fleet vehicles and statistically project the conditions of the fleet.
F. The inspected vehicle summary shall be listed by: vehicle ID number, vehicle make and type body.
G. The report shall list quantity of tires inspected and % of tires requiring immediate corrective action and if immediate corrective action was taken.
H. The tire inspection and reports program shall:
    1. The inspection and report shall only encompass Public Works heavy-duty vehicles; fleet size approximately 800 units.
    2. Provided 4 times per year (quarterly) February, May, August and November Sample size 200 units per inspection.
    3. Each quarterly inspection shall cover 25 % of the Public Works heavy-duty truck fleet. At least 20 % of the quarterly inspected fleet shall be different at each inspection, checking both tread depth and air pressure. Previous inspected units shall have the individual units previous inspection results as well as the current inspection results listed for comparison.
    4. Inspections shall be performed either after business hours, on weekends or public holidays. Vendor shall coordinate with Fleet Maintenance as to best time to inspect vehicles.
    5. Contact person shall be:
        a. Fleet Maintenance Manager "1" at 720.865.3900
    6. Inspection sites shall include:
        a. Fleet Maintenance Roslyn, 5440 Roslyn St..
        b. Fleet Maintenance CPC Campus, 1271 W. Bayaud St.
        c. Fleet Maintenance Wastewater, 2000 W. 3rd Avenue.
        d. Fleet Maintenance Cherry Creek, 7301 E. Jewell Avenue.
        e. Fleet Maintenance Osage, 2013 S. Osage St.
    7. The written report shall be provided to Fleet Maintenance within three (3) business days of the completion of the physical inspection.

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8. Inspection report shall provide following information as separate information sections and with graph/pie charts:
   a. Inspected Vehicle Summary listing vehicle ID #, Vehicle make, body type.
   b. Immediate Action Summary with listing of types of immediate actions, number of tires inspected and % of immediate actions by action category.
   c. Tire Inspection Detail listing vehicle ID #, tire position, problem description, immediate action required, condition corrected and if tire pressure correction actual value.
   d. Tire Inflation Summary listing tires that are out of inflation specifications and % out of spec.
   e. Tire Mismatched Summary listing total # tires inspected and % diameter mismatched.
   f. Tire Usage by Vehicle Type Summary listing vehicle body class, number of retread tires and new tire in use.
   g. Tire Usage by Axle Summary listing retread and new tires in use by axle, steer, drive and free rolling.
   h. Tire Usage by Tire Size listing retread and new tire quantities by size.
   i. Tire Usage by Tire Casing Manufacturer listing retread and new tires by manufacturer.
   j. Tire Usage by Retread Manufacturer list retread and size of tires.
   k. Tire Condition Summary listing % of existing tire conditions in fleet surveyed.
   l. Tire Tread Depth Summary listing in 1/32nd inch tread depth of tires inspected and irregular wear patterns.
   m. Wheel and Lug Nut Summary listing condition of wheels and loose lug nuts.
   n. Conclusion Summary Report providing a summary of the inspection findings, resolution of problems and recommendations to improve tire life, tire conditions, increase mileage and any other information that would benefit the City.

l. Report shall provide information on the following deficiencies and corrective costs:

Quarterly Report 200 units TOTAL Price Vendor Tire Inspection Program	***Input into Excel Sheet***

Company Name: **The Goodyear Tire & Rubber Company**

16.0 Grand Total Price Comparison

16.1 Add together all product total prices to compute the Grand Total Price for all products that are included in this specifications

16.2 Product Totals Section:

Vendors are to indicate required information and pricing in the Bid Specification and Pricing Sheet, which is a separate MS Excel document. Separate Vendor Quotes will only be used as informational purposes ONLY. Participating Vendors are required to complete the City's MS Excel pricing document. Failure to input pricing into the Excel document and upload as an Excel file, may result in the Vendor's proposal being considered as non-responsive.

DO NOT ALTER THE CITY'S DOCUMENTS IN ANY WAY

FOR ADDITIONAL INFORMATION CONTACT BUYER ANDREW MISKELL, Andrew.miskell@denvergov.org

Company Name: The Goodyear Tire & Rubber Company