87577

AMENDMENT TO AGREEMENT
CITY OF LINCOLN
ANNUAL SUPPLY OF TIRE CHAINS
BID NO. 12-211
SECOND RENEWAL

This Amendment is hereby entered into by and between **Chains Required, Inc., 825 Riverside Ave., #10, Paso Robles, CA 93466** (hereinafter "Contractor") and **City of Lincoln** (hereinafter "City"), for the purpose of amending an Agreement dated **September 25, 2012**, under **E. O. No. 085380**, (the "Agreement"), for **The Annual Supply of Tire Chains, Bid No. 12-211**, which is made a part hereof by this reference.

WHEREAS, the original term of the Agreement is **September 25, 2012 through September 24, 2013**, with the option to renew for three (3) additional **one (1) year terms** upon written mutual consent of both parties; and

WHEREAS, the Agreement was amended by the City to renew the agreement for an additional one year period from **September 25, 2013 thru September 24, 2014**,

WHEREAS, the parties wish to renew the agreement for an additional one (1) year term beginning **September 25, 2014 through September 24, 2015**; and

WHEREAS, the estimated expenditures for City Departments for the term of this renewal shall not exceed **$3,000.00** without prior approval by the City of Lincoln.

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants stated herein the parties agree as follows:

The term of the Agreement shall be from **September 25, 2014 through September 24, 2015**; and

1) The estimated expenditures for City Departments for the term of ths renewal shall not exceed **$3,000.00** without prior approval by the City of Lincoln.
3) All other terms of the Agreement, not in conflict with this Amendment, shall remain in full force and effect.

The Parties do hereby agree to all the terms and conditions of this Amendment. This Amendment shall be binding upon the parties, their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

IN WITNESS WHEREOF, the Parties do hereby execute this Amendment.

Official City Use Only

Dated this 6th day
of October 2014

Chris Beutler, Mayor

Supplier, please fill in the date and following information and mail back to our office; a faxed copy is not acceptable.

Company Name: (Please Print)	Chains Required
By: (Please Sign)	
By: (Please Print)	Roger Thorson
Title: (Please Print)	Owner
Company Address: (Please Print)	825 Riverside, #10, Paso Robles, CA 93446
Company Phone & Fax: (Please Print))	(805) 237-0300 FAX (805) 237-0307
E-Mail Address: (Please Print)	carlineautoparts@yahoo.com
Date: (Please Print)	9/19/14
Contact Person For: "Orders or Service" (Please Print)	Roger Thorson
Phone Number:	(805) 237-0300

AMENDMENT TO AGREEMENT
CITY OF LINCOLN
ANNUAL SUPPLY OF TIRE CHAINS
BID NO. 12-211
FIRST RENEWAL

This Amendment is hereby entered into on this _____ day of _____, 2013 by and between **Chains Required, Inc., 825 Riverside Ave., #10, Paso Robles, CA 93466** (hereinafter "Contractor") and **City of Lincoln** (hereinafter "City"), for the purpose of amending an Agreement dated **September 25, 2012**, under **E. O. No. 085380**, (the "Agreement"), for **The Annual Supply of Tire Chains, Bid No. 12-211**, which is made a part hereof by this reference.

WHEREAS, the original term of the Agreement is **September 25, 2012 through September 24, 2013**, with the option to renew for three (3) additional **one (1) year terms** upon written mutual consent of both parties; and

WHEREAS, the parties wish to extend the agreement for an additional one (1) year term beginning **September 25, 2013 through September 24, 2014**; and

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants stated herein the parties agree as follows:

1) The term of the Agreement shall be from **September 25, 2013 through September 24, 2014.**
2) All other terms of the Agreement, not in conflict with this Amendment, shall remain in full force and effect.

The Parties do hereby agree to all the terms and conditions of this Amendment. This Amendment shall be binding upon the parties, their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

IN WITNESS WHEREOF, the Parties do hereby execute this Amendment.

Official City Use Only

Dated this 30th day
of September 2013

Niki Esposito
Public Works & Utilities Director

Supplier, please fill In the date and following Information and mail back to our office; a faxed copy is not acceptable.

Company Name: (PLEASE PRINT)	Chains Required, INC
By: (PLEASE PRINT)	Rogan Thorson
By: (PLEASE SIGN)	
Title:	pres
Company Address: (PLEASE PRINT)	825 Riverside Ave #10 Paso Robles CA
Company Phone & Fax: (PLEASE PRINT)	805 237-0300
E-Mail Address: (PLEASE PRINT)	
Date:	8-29-13

85380

CONTRACT DOCUMENTS

CITY OF LINCOLN
NEBRASKA

ANNUAL SUPPLY
OF
TIRE CHAINS
BID NO. 12-211

Chains Required Inc.
825 Riverside Ave. #10
Paso Robles, CA 93446
800.327.3806

CITY OF LINCOLN
CONTRACT AGREEMENT

THIS CONTRACT, made and entered into this _____ day of_____2012, by and between **Chains Required Inc., 825 Riverside Ave. #10, Paso Robles, CA 93446**, hereinafter called "Contractor", and the City of Lincoln, Nebraska, a municipal corporation, hereinafter called "City".

WHEREAS, the City has caused to be prepared, in accordance with law, Specifications, Plans, and other Contract Documents for the Work herein described, and has approved and adopted said documents and has caused to be published an advertisement for and in connection with said Work, to-wit:

For providing **Annual Supply of Tire Chains, Bid No. 12-211** and,

WHEREAS, the Contractor, in response to such advertisement, has submitted to the City, in the manner and at the time specified, a sealed Proposal/Supplier Response in accordance with the terms of said advertisement; and,

WHEREAS, the City, in the manner prescribed by law has publicly opened, read aloud, examined, and canvassed the Proposals/Supplier Responses submitted in response to such advertisement, and as a result of such canvass has determined and declared the Contractor to be the lowest responsible bidder for the said Work for the sum or sums named in the Contractor's Proposal/Supplier Responses, a copy thereof being attached to and made a part of this Contract;

NOW, THEREFORE, in consideration of the sums to be paid to the Contractor and the mutual covenants herein contained, the Contractor and the City has agreed and hereby agree as follows:

1. The Contractor agrees to (a) furnish all tools, equipment, supplies, superintendence, transportation, and other accessories, services, and facilities; (b) furnish all materials, supplies, and equipment specified to be incorporated into and form a permanent part of the complete work; (c) provide and perform all necessary labor in a substantial and workmanlike manner and in accordance with the provisions of the Contract Documents; and (d) execute and complete all Work included in and covered by the City's award of this Contract to the Contractor, such award being based on the acceptance by the City of the Contractor's Proposal, or part thereof, as follows:

   Agreement to line three (3) only for $1,998.00 of Contractor's Proposal.

2. The City agrees to pay to the Contractor for the performance of the Work embraced in this Contract, the Contractor agrees to accept as full compensation therefore, the following sums and prices for all Work covered by and included in the Contract award and designated above, payment thereof to be made in the manner provided by the City:

   City will pay for products/service, according to the Line Item pricing as listed in Contractors Proposal/Supplier Response, a copy thereof being attached to and made a part of this Contract. The City shall order on an as needed basis for the duration of the contract.

3. Equal Employment Opportunity. In connection with the carrying out of this project, the contractor shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, disability, age or marital status. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, national origin, ancestry, disability, age or marital status. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other compensation; and selection for training, including apprenticeship.

4. E-Verify. In accordance with Neb. Rev. Stat. 4-108 through 4-114, the contractor agrees to register with and use a federal immigration verification system, to determine the work eligibility status of new employees performing services within the state of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program of the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. 1324 a, otherwise known as the E-Verify Program, or an equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee pursuant to the Immigration Reform and Control Act of 1986. The Contractor shall not discriminate against any employee or applicant for employment to be employed in the performance of this section pursuant to the requirements of state law and 8 U.S.C.A 1324b. The contractor shall require any subcontractor to comply with the provisions of this section.

5. Termination. This Contract may be terminated by the following:
   - 5.1) Termination for Convenience. Either party may terminate this Contract upon thirty (30) days written notice to the other party for any reason without penalty.
   - 5.2) Termination for Cause. The City may terminate the Contract for cause if the Contractor:
     - 5.2.1) Refuses or fails to supply the proper labor, materials and equipment necessary to provide services and/or commodities.
     - 5.2.2) Disregards Federal, State or local laws, ordinances, regulations, resolutions or orders.
     - 5.2.3) Otherwise commits a substantial breach or default of any provision of the Contract Document. In the event of a substantial breach or default the City will provide the Contractor written notice of said breach or default and allow the Contractor ten (10) days from the date of the written notice to cure such breach or default. If said breach or default is not cured within ten (10) days from the date of notice, then the contract shall terminate.

6. Independent Contractor. It is the express intent of the parties that this contract shall not create an employer-employee relationship. Employees of the Contractor shall not be deemed to be employees of the City and employees of the City shall not be deemed to be employees of the Contractor. The Contractor and the City shall be responsible to their respective employees for all salary and benefits. Neither the Contractor's employees nor the City's employees shall be entitled to any salary, wages, or benefits from the other party, including but not limited to overtime, vacation, retirement benefits, workers' compensation, sick leave or injury leave. Contractor shall also be responsible for maintaining workers' compensation insurance, unemployment insurance for its employees, and for payment of all federal, state, local and any other payroll taxes with respect to its employees' compensation.

7. Contract Term. This Contract shall be effective upon execution by both parties. The term of the Contract shall be a **one (1) year term** with option to renew for three (3) additional one (1) year terms.

8. The Contract Documents comprise the Contract, and consist of the following:
   1. Contract Agreement
   2. Accepted Proposal/Response
   3. Specifications
   4. Table 1
   5. Table 2
   6. Notice to Bidders
   7. Instructions to Bidders
   8. Special Provisions
   9. Sales Tax Exemption Form 13

These Contract Agreements, together with the other Contract Documents herein above mentioned, form this Contract, and they are as fully a part of the Contract as if hereto attached or herein repeated.

The Contractor and the City hereby agree that all the terms and conditions of this Contract shall be binding upon themselves, and their heirs, administrators, executors, legal and personal representatives, successors, and assigns.

IN WITNESS WHEREOF, the Contractor and the City do hereby execute this contract.

EXECUTION BY THE CITY OF LINCOLN, NEBRASKA

ATTEST:

City Clerk

CITY OF LINCOLN, NEBRASKA

Mayor

Approved by Executive No. 085380

dated Sept. 25, 2012

EXECUTION BY CONTRACTOR

IF A CORPORATION:

ATTEST:

Secretary (SEAL)

CHAINS REQUIRED INC.

Name of Corporation

(Address) 825 RIVERSIDE AVE #10 PASO ROBLES, CA 93446

By:

Duly Authorized Official

Owner

Legal Title of Official

IF OTHER TYPE OF ORGANIZATION:

Name of Organization

Type of Organization

(Address)

By:

Member

By:

Member

IF AN INDIVIDUAL:

Name

Address

Signature

City of Lincoln/Lancaster County (Lincoln Purchasing)
Supplier Response

Bid Information

Bid Creator	Sharon R. Mulder Asst Purchasing Agent
Email	smulder@lincoln.ne.gov
Phone	(402) 441-7410
Fax	(402) 441-6513
Bid Number	12-211
Title	Annual Supply of Tire Chains
Bid Type	Bid
Issue Date	07/25/2012
Close Date	8/8/2012 12:00:00 PM CST
Need by Date	

Contact Information

Address	Purchasing 440 S. 8th St. Lincoln, NE 68508
Contact	Sharon R. Mulder Asst Purchasing Agent
Department	Purchasing
Building	
Floor/Room	Suite 200
Telephone	(402) 441-7428
Fax	(402) 441-6513
Email	smulder@lincoln.ne.gov

Ship to Information

Address	
Contact	
Department	
Building	
Floor/Room	
Telephone	
Fax	
Email	

Supplier Information

Company	Chains Required Inc.
Address	825 Riverside Ave. #10 Paso Robles, CA 93446
Contact	Roger Thorson
Department	
Building	
Floor/Room	
Telephone	1 (800) 327-3806
Fax	1 (805) 237-0307
Email	carlineautoparts@yahoo.com
Submitted	8/6/2012 2:35:30 PM CST
Total	$44,869.00

Signature _____

Supplier Notes

Bid Notes

Bid Activities

Bid Messages

Please review the following and respond where necessary

#	Name	Note	Response
1	Instructions to Bidders	I acknowledge reading and understanding the Instructions to Bidders.	Yes
2	Sample Contract	I acknowledge reading and understanding the sample contract.	Yes
3	Specifications	I acknowledge reading and understanding the specifications.	Yes
4	Contact	Name of person submitting this bid:	Roger Thorson
5	Special Provision Term Contract Provisions	I acknowledge reading and understanding the Special Provision Term Contract Provisions.	Yes
6	Renewal is an Option	Contract Extenstion Renewal is an option.	Yes
7	Term Clause of Contract	I acknowledge that the term of the contract is for a one (1) year term with the option for three (3) additional one (1) year renewals from the date of the executed contract. . ((a) Are your bid prices firm for the first one (1) year contract period. YES or NO (b) Are your bid prices subject to escallation/de-escalation YES or NO (c) If (b), state period for which prices will remain firm: through _____	(a)Yes (b)No
8	Delivery	State number of delivery days ARO. FOB to the City/County at the location specified with all transportation charges paid.	10 Working Days
9	Quantities	I acknowledge that the quantities listed for each line item are an estimated yearly amount. The City does not guarantee any dollar amount or order quantities for the term of the contract.	Y
10	Tax Exempt Certification Forms	Materials being purchased in this bid are tax exempt and unit prices are reflected as such. A Purchasing Agent Appointment form and a Exempt Sales Certificate form shall be issued with contract documents. (Note: State Tax Law does not provide for sales tax exemption for proprietary functions for government, thereby excluding the purchases of pipes to be installed in water lines and purchase of water meters.)	Yes
11	Bid award	I acknowledge and understand that the City, County and/or Public Building Commission reserves the right to award bids item-by-item, with or without alternates/options, by groups, or "lump sum" such as shall best serve the requirements and interests of the City, County and/or Public Building Commission. If your pricing is based on an all-or-nothing basis, please indicate so in the Supplier Notes section of your E-Bid response.	Yes
12	Electronic Signature	Please check here for your electronic signature.	Yes

Line Items

#	Qty	UOM	Description	Response
1	75	EA	Size: 18.4 x 42, Cross Chain - 11/0 (20 link), Side Chain, 9/0 Design - (FTH) Swivelloyd	$489.00

Item Notes:
Approximate Weight - 285 lbs. per pair.

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model	Please provide the Manufacturer and Model Number of the chains you are bidding.	Rud #0894

Alt 1	75	EA	Alt Spec: Size: 18.4x42, Cross Chain-9/0, Side Chain-7/0, Design-(FTH)	409.95

Alt Manufacturer: SCC Alt Manufacturer #: QG-9399

Item Notes:
Approximate Weight - 285 lbs. per pair.

Supplier Notes: This was the proposed product sustituted on December 8, 2011 per Quote 2683. It doesn't meet the original specifications.

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model	Please provide the Manufacturer and Model Number of the chains you are bidding.	SCC #QG-9399

2	20	EA	Size - 14.00 x 24, Cross Chain - 9/0 (18 link), Side Chain -7/0, Design - (O.T.R.) Swivelloyd	$179.95

Item Notes:
Approximate Weight - 100 lb. per pair.

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model	Please provide the Manufacturer and Model Number of the chains you are bidding.	Rud #2615

3	40	EA	Size: 10.00 x 20, Cross Chain - 6/0, Design - (SH) NACM #2245CAM	$49.95

Item Notes:
Approximate Weight - 56 lb. per pair.

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model	Please provide the Manufacturer and Model Number of the chains you are bidding.	Peerless #2245CAM

Alt 1 40 EA Alt Spec: Size: 10.00x20, Cross Chain-7/0, Design-(SH)NACM #2245CAM 59.95

Alt Manufacturer: Chains Required Alt Manufacturer #: 2245HDCAM

Item Notes:
Approximate Weight - 56 lb. per pair.

Supplier Notes: The cross chain is 7/0, which is a heavier duty chain that will provide longer use. It would provide a lower cost per mile to operate.

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model	Please provide the Manufacturer and Model Number of the chains you are bidding.	Chains Required #2245HDCAM

4 10 EA Size: P235 x 75R15, Cross Chain - .234, Side Chain - .218, Design - (P)NACM #2216R $34.95

Item Notes:
Approximate Weight - 21 lb. per pair.

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model	Please provide the Manufacturer and Model Number of the chains you are providing.	Peerless #2216R

5 25 EA Size: P235 x 55R17, Cross Chain - .234, Side Chain - .218, Design - (RP) NACM #2816 $47.95

Item Notes:
Approximate weight - 25 lb. per pair.

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model Number	Please provide Manufacturer and Model Number of the Chains you are bidding.	Peerless #2816

6 25 EA Size: P225 x 60R16, Cross Chain - .207, Side Chain - .192, Design - (RP) NACM #1854 $41.95

Item Notes:
Approximate weight - 20 lb. per pair.

Supplier Notes:

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model Number	Please provide Manufacturer and Model Number of the chains you are bidding.	SCC #1854

Alt 1	25	EA	Alt Spec: Size: P225x60R16, Cross Chain-.177, Side Chain-.162, Design-(P)NACM#1138	24.95

Alt Manufacturer: SCC Alt Manufacturer #: QG-1138

Item Notes:
Approximate weight - 20 lb. per pair.

Supplier Notes: This was the proposed product sustituted on December 8, 2011 per Quote 2683. It doesn´t meet the original specifications.

Item Attributes: Please review the following and respond where necessary

#	Name	Note	Response
1	Manufacturer/Model Number	Please provide Manufacturer and Model Number of the chains you are bidding.	SCC #QG1138

Response Total: $44,869.00

Specifications
for the
Annual Supply of Tire Chains

1. **SCOPE**

1.1 This specification covers ladder type chain assemblies designed for use on tires that have been manufactured in accordance with the standards of the Tire & Rim Association, Inc., 3200 West Market St., Akron, Ohio 44313.

1.1.1 All dual tire chains specified herein are designed for use on dual tires mounted in accordance with specifications covering their center to center spacing as outlined by the NACM Chain Clearance Charts.

1.1.2 Oversized tires, snow tires, special service, or special traction tires, etc., may require chains of a larger size or of a size not specified herein.

1.2 Classification Tire chains described in this specification shall be of the following types as specified:

1.2.1 Reinforced Tire Chains

1.2.1.1 Type RP	Reinforced Passenger Car Chains
1.2.2.2 Type RS	Reinforced Single Truck Chains
1.2.2.3 Type RDT	Reinforced Dual-Triple Truck Chains

1.2.2 Regular Tire Chains

1.2.2.1 Type P	Passenger Car Chains
1.2.2.2 Type PL	Passenger Car Chains - Restricted Clearances
1.2.2.3 Type SH	Single Truck Chains
1.2.2.4 Type SM	Single Truck Chains - Mud Service
1.2.2.5 Type DTH	Dual-Triple Truck Chains
1.2.2.6 Type DTM	Dual-Triple Truck Chains - Mud Service
1.2.2.7 Type DH	Dual and Wide-Base Truck Chains
1.2.2.8 Type 0TR	Off-the-Road Vehicle Chains
1.2.2.9 Type FTH	Farm Tractor Chains - Highway Service

2. **APPLICABLE DOCUMENTS**

2.1 The following documents, of the issue in effect on date of manufacture, form a part of this specification to the extent specified herein:

2.1.1 SPECIFICATIONS

2.1.1.1 NACM - TC SHEETS TC1-01 TO TC4-01 - NACM Tire Chain Specification Sheets

2.1.2 STANDARDS

2.1.2.1 ASTM - ASTM E18-74 - Standard Method for Rockwell Hardness Test

2.1.3 MILITARY

2.1.3.1 MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes.

2.1.4 SAE

2.1.4.1 SAE Recommended Practice J1232 - Traction Device Profile Determination & Classification.

3. DEFINITIONS

3.1 For purposes of this specification the following definitions shall apply.

3.1.1 Side Chain

3.1.1.1 Straight link, welded chain of specified length to complete one full circumference along the tire side wall.

3.1.2 Fastener

3.1.2.1 Any suitable connecting device, secured to one end of a side chain, so constructed that it can be easily closed (engaged or fastened) and be readily opened (released) by hand.

3.1.3 Reinforced Cross Chain

3.1.3.1 Twist link, welded chain, carburized with one or more reinforcements per link consisting of a lug, or lugs, electrically welded to all links except the end links in such a manner as to provide increased traction and additional resistance to abrasive wear.

3.1.3.2 Cross chains shall be of the specified length and shall provide ample drape over the tire tread.

3.1.4 Regular Cross Chain

3.1.4.1 Twist link, welded chain, carburized, without reinforcements

3.1.4.1.1 Cross chains shall be of the specified length and shall provide ample drape over the tire tread.

3.1.5 Cross Chain Hooks

3.1.5.1 Any suitable hook used to attach each cross chain to the side chains.

3.1.5.1.1 Hooks shall be constructed and assembled to prevent accidental detachment.

3.1.6 Pitch

3.1.6.1 The measured inside length of a chain component (bearing point to bearing point when in use).

4. REQUIREMENTS

4.1 Components

4.1.1 Tire chain assemblies shall consist of two side chains, or two outer- and one inner-side chain, with cross chains, cross chain hooks, and fasteners necessary to form a complete assembly in accordance with the NACM TC SHEETS specified herein (see 2.1).

4.2 Material

4.2.1 All side and cross chains and cross chain hooks shall be made of open hearth, electric furnace, or basic oxygen process steel.

4.3 Spacing of Cross Chains

4.3.1 The number of cross chains required per half pair of chains shall be in accordance with the applicable NACM TC SHEETS.

4.3.1.1 The first cross chain shall be attached to that link of each side chain nearest the fastener that will permit the fastener to lie in the proper plane when the assembled tire chain is applied to the tire.

4.3.1.2 On single tire chains the remainder of the cross chains shall be attached to the side chains at equal intervals of four links each.

4.3.1.3 On dual-triple tire chains the remainder of the cross chains shall be attached to the outer side chains at equal intervals of four links each, and to the inner side chain with opposing cross chains staggered at equal intervals of two links each.

4.4 Tolerances

4.4.1 Cross Chain Length

4.4.1.1 The inside length of all cross chains, including hooks held in the same plane, shall be within a tolerance of minus six percent to plus three percent of the specified length on applicable TC sheets.

4.4.1.1.1 The length shall be measured by hanging the cross chain vertically on a horizontal pin and measuring the inside-to-inside length.

4.4.1.1.2 The number of links in a cross chain may vary from the specified number by plus or minus one link.

4.4.2 Side Chain Length

4.4.2.1 The inside length of all side chains including fasteners shall not be less than the minimum length as specified on the applicable TC SHEETS.

4.4.2.1.1 The length shall be measured by hanging the side chain vertically from a horizontal pin on its closed fastener and measuring from the pin contact surface to the inside surface of the last side chain link.

4.4.2.1.2 If the variance of the cross chain length is in the range of minus six percent to minus three percent the specified side chain length shall be increased by the amount of the variance x 3.14.

4.4.3 Wire and Rod Sizes

4.4.3.1 Wire and rod sizes shall be subject to the following tolerances:

4.4.3.1.1 Material up to and including .192" (4.88mm) diameter - plus or minus .003" (.08 mm).

4.4.3.1.2 Material over .192" (4.88mm) diameter - plus or minus .016" (.41mm).

4.5 Component Dimensions

4.5.1 The tire chain component dimensions, used for design purposes by the NACM, are shown in Table I.

4.5.1.1 The dimensions of manufactured components may vary but the assembled tire chains must meet the tolerances specified in paragraphs 4.4.1, 4.4.2, and 4.4.3.

4.6 Finish

4.6.1 Type RP, P and PL shall have a rust resistant finish for protection in transit and storage.

4.6.2 All other types shall be finished in accordance with individual manufacturer's practice.

4.7 Physical Properties

4.7.1 Hardness

4.7.1.1 The surface hardness of cross chain shall be determined in accordance with ASTM E18-74 Standard Test Methods for Rockwell Hardness and shall meet one of the following levels of measurement: RC 53 min., RA 77.5 min., R15N 87 min., R30N 71 min., R45N 58.5 min.

4.7.2 Case Depth

4.7.2.1 The case depth of cross chain shall be as specified in Table II.

4.7.3 Workmanship

4.7.3.1 Workmanship shall be such as to produce chain assemblies free from scale, injurious defects such as burrs or sharp edges, and faulty welding.

5. **QUALITY PROVISIONS**

5.1 Responsibility for Inspection

5.1.1 Unless otherwise specified, the supplier is responsible for all inspection and testing specified herein.

5.2 Quality Conformance-Inspection

5.2.1 Lot Formation

5.2.1.1 A lot shall consist of all chains of one type, from an identifiable production period, submitted at one time for quality conformance inspection.

5.2.2 Sampling for Examination and Testing

5.2.2.1 Samples for quality conformance examination and testing shall be selected in accordance with inspection level S-3 of MIL-STD-105.

5.2.3 Acceptable Quality Level

5.2.3.1 Each sample selected in accordance with 5.2.2 shall be examined and tested for conformance to an acceptable quality level (AQL) of 6.5 based on percent defective.

5.2.4 Defects

5.2.4.1 For examination and testing purposes, defects shall be classified as any characteristic which does not meet the requirements specified herein.

5.3 Test Procedures

5.3.1 Hardness

5.3.1.1 To determine conformance to 4.7.1, cross chain shall be subject to the Rockwell hardness test as specified in the ASTM E18-74 Standard Test Methods for Rockwell Hardness.

5.3.2 Case Depth

5.3.2.1 To determine conformance to 4.7.2, a link of the cross chain shall be prepared by grinding on a suitable abrasive wheel one cross section perpendicular to the axis of the chain wire.

5.3.2.1.1 The test specimen shall be etched in a solution of one part chemically pure nitric acid and one part water by volume (specific gravity 1.217).

5.3.2.1.2 Specimen shall be etched for six seconds.

5.3.2.1.3 Width of dark ring revealed shall be measured microscopically at suitable magnification and recorded as depth of case.

6. **NOTES**

6.1 Intended Use

6.1.1 Tire chain assemblies covered by this specification are intended for use on passenger car tires, truck tires (single, dual and wide base), off-the-road service tires, and farm tractor tires.

6.1.2 Replacement cross chains are intended for repairing tire chain assemblies.

6.2 Ordering Data

6.2.1 Orders should specify the following:

6.2.1.1 Title, number, and date of this specification.

6.2.1.2 Type of chain assembly (see 1.2).

6.2.1.3 Tire size for chain assemblies (see NACM TC SHEETS, Table I & II).

6.2.1.4 Quantity of tire chain assemblies or cross chains required.

6.3 If low bid, the City has the right to request samples prior to award of contact.

7. **SUPPLEMENTAL INSTRUCTIONS**

7.1 The City of Lincoln is requesting bids to purchase tire chains in which the specifications covers ladder type chain assemblies designed for use on tires that have been manufactured in accordance with the standards of the Tire & Rim Association, Inc., 3200 West Market St., Akron, Ohio 44313.

7.2 Bidder shall submit bid documents and all supporting material via e-bid.

7.3 All inquiries regarding these specifications shall be directed via e-mail or faxed written request to Sharon Mulder, Asst. Purchasing Agent (smulder@lincoln.ne.gov) or fax: (402) 441-6513.

7.3.1 These inquiries and/or responses shall be distributed to prospective bidders electronically as an addenda.

7.3.2 The Purchasing Office shall only reply to written inquiries received within five (5) calendar days of bid opening.

7.3.3 No direct contact is allowed between Vendor and other City staff throughout the bid process.

7.3.3.1 Failure to comply with this directive may result in Vendor bid being rejected.

TABLE 1
NACM TIRE CHAIN DESIGN COMPONENT DIMENSIONS

Type Component	Nominal Wire Dia. in.	Nominal Wire Dia. mm	Pitch in.	Pitch mm
SIDE CHAIN	.162	4.11	1.250	31.75
SIDE CHAIN	.177	4.50	1.250	31.75
SIDE CHAIN	.192	4.88	1.296	32.92
SIDE CHAIN	.218S	5.54	1.343	34.11
SIDE CHAIN	.218L	5.54	1.390	35.31
SIDE CHAIN	.281S	7.14	1.734	44.04
SIDE CHAIN	.281L	7.14	1.812	46.02
SIDE CHAIN	.312S	7.92	1.843	46.81
SIDE CHAIN	.312L	7.92	1.921	48.79
SIDE CHAIN	.375	9.53	2.172	55.17
SIDE CHAIN	.437	11.10	2.250	57.15
CROSS CHAIN	.177	4.50	1.180	29.97
CROSS CHAIN	.207	5.26	.920	23.37
CROSS CHAIN	.234	5.94	1.000	25.40
CROSS CHAIN	.281	7.14	1.250	31.75
CROSS CHAIN	.312	7.92	1.090	27.69
(Regular) CROSS CHAIN	.312	7.92	1.390	35.31
(Reinforced) CROSS CHAIN	.344	8.74	1.230	31.24
CROSS CHAIN	.375	9.53	1.260	32.00
CROSS CHAIN	.437	11.10	1.562	39.67
CROSS CHAIN	.531	13.49	1.734	44.04
C. C. HOOK	.177	4.50	1.06	26.92
C. C. HOOK	.207	5.26	1.87	47.50
C. C. HOOK	.250	6.35	1.56	39.62
C. C. HOOK	.312	7.92	1.56	

39.62				
44.45	C. C. HOOK	.375	9.53	1.75
44.45	C. C. HOOK	.406	10.31	1.75
60.20	C. C. HOOK	.437	11.10	2.37

Table II
Case Depth of Cross Chain Links

Nominal Wire Dia.		Total Case Depth			
		Minimum		Maximum	
in.	mm	in.	mm	in.	mm
.177	4.50	.010	.25	.042	1.07
.207	5.26	.012	.30	.045	1.14
.234	5.94	.016	.41	.046	1.17
.281	7.14	.020	.51	.050	1.27
.312	7.92	.022	.56	.052	1.32
.375	9.53	.027	.69	.060	1.52
.437	11.10	.027	.69	.065	1.65
.531	13.49	.027	.69	.065	1.65

Advertise 1 time
Wednesday, July 25, 2012

City of Lincoln/Lancaster County
Purchasing Division
NOTICE TO BIDDERS

Sealed bids will be received by the Purchasing Agent of the City of Lincoln/Lancaster County, Nebraska **BY ELECTRONIC BID PROCESS** until: **12:00 p.m., Wednesday, August 8, 2012** for providing the following:

Annual Supply of Tire Chains
Bid No. 12-211

Bidders must be registered on the City/County's E-Bid site in order to respond to the above Bid. To Register go to: www.lincoln.ne.gov (type: e-bid - in search box, then click "Supplier Registration").

Upon e-mail notification of registration approval, you may go to the E-Bid site to respond to this bid. Questions concerning this bid process may be directed to City/County Purchasing at (402) 441-7410 or (402) 441-7428 or smulder@lincoln.ne.gov