

Last saved on 02/11/2020 5:00 PM

**TUESDAY, FEBRUARY 11, 2020**  
**CITY COUNCIL REVISED AGENDA**  
**6:00 PM**

- I. Call to Order by Chairman Oglesby.
- II. Pledge of Allegiance/Invocation (Chairman Oglesby).
- III. Special Presentation.

**Order of Business for City Council**

- IV. Minute Approval.
- V. **Ordinances – Final Reading: (None)**
- VI. **Ordinances – First Reading:**

**PLANNING**

- a. [2020-0006 Nathaniel S. Goggans \(R-1 Residential Zone to A-1 Urban Agricultural Zone with Special Permit\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 1331 Burgess Road, from R-1 Residential Zone to A-1 Urban Agricultural Zone with Special Permit. \(District 1\) \(Recommended for approval by Planning and Staff\)](#)
- b. [2019-0177 Mitch Holland \(R-1 Residential Zone to E-RA-2 Urban Edge Residential Attached 2 Stories Maximum Height Zone\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 518 Hamilton Avenue, from R-1 Residential Zone to E-RA-2 Urban Edge Residential Attached 2 Stories Maximum Height Zone. \(District 2\) \(Recommended for denial by Planning and Staff\) \(Applicant Version\)](#)
- c. [2020-0012 CMT Investments, LLC % Matthew Mucciolo \(R-1 Residential Zone and R-4 Special Zone to C-2 Convenience Commercial Zone\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 3820, 3834, and 3836 Hixson Pike, from R-1 Residential Zone and R-4 Special Zone to C-2 Convenience Commercial Zone, subject to certain conditions. \(District 2\) \(Recommended for approval by Planning and Staff\)](#)

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- d. 2019-0011 Joseph Ingram (Lift Conditions). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to lift conditions from Ordinance No. 12019 of previous Case No. 2007-0143 from property located at 2817 Northpoint Boulevard, more particularly described herein. (District 3) (Recommended for approval by Planning and Staff)
- e. 2020-0005 W. Rondon Construction (R-T/Z Residential Townhouse/Zero Lot Line Zone with conditions to RT-1 Residential Townhouse Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located in the 2400 block of Gunbarrel Road and 7400 block of Min Tom Road, from R-T/Z Residential Townhouse/Zero Lot Line Zone with conditions to RT-1 Residential Townhouse Zone, subject to certain conditions. (District 4) (Recommended for approval by Planning and Staff)

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- f. 2020-0003 Byrd's Automotive (R-4 Special Zone to C-2 Convenience Commercial Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone part of property located at 4431 Bonny Oaks Drive, from R-4 Special Zone to C-2 Convenience Commercial Zone, subject to certain conditions. (District 5) (Recommended for approval by Planning and denial by Staff)

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- g. 2020-0010 Joseph Ingram (R-3MD Moderate Density Zone with condition to R-3 Residential Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 6811 McCutcheon Road, from R-3MD Moderate Density Zone with condition to R-3 Residential Zone. (District 6) (Recommended for approval by Planning and Staff)

h. 2020-0001 Jason Scott (R-1 Residential Zone to R-2 Residential Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 5291 Usher Drive from R-1 Residential Zone to R-2 Residential Zone. (District 7) (Recommended for approval by Planning and denial by Staff)

i. 2020-0004 Good Guys Relocation (R-1 Residential Zone to M-3 Warehouse and Wholesale Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone part of property located at 2000 Stuart Street, from R-1 Residential Zone to M-3 Warehouse and Wholesale Zone, subject to certain conditions. (District 8) (Recommended for approval by Planning and denial by Staff)

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j. 2020-0014 Leyui Lopez Perez (M-1 Manufacturing Zone to O-1 Office Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 1915 South Greenwood Avenue, from M-1 Manufacturing Zone to O-1 Office Zone. (District 8) (Staff Version)

2020-0014 Leyui Lopez Perez (M-1 Manufacturing Zone to O-1 Office Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 1915 South Greenwood Avenue, from M-1 Manufacturing Zone to R-1 Residential Zone. (Applicant Version) (Recommended for denial by Planning and Staff)

VII. **Resolutions:**

**COUNCIL OFFICE**

a. A resolution waiving the fee for use of the Blue Goose Hollow on Saturday, May 23, 2020, for the Lapse for Lupus Walk Event sponsored by the Zia Chapter #1081. (Sponsored by Chairman Oglesby and Councilwoman Coonrod) (District 7)

**ECONOMIC AND COMMUNITY DEVELOPMENT**

b. A resolution authorizing the City of Chattanooga to serve as a government sponsor and pass-through entity for a grant from the American Battlefield Program, a part of the National Park Service, and in which grant shall be passed through to the American Battlefield Trust for which it will purchase a 9.09 acre parcel known as the Brown's Ferry Tavern Tract (also known as the Chapin Tract) located in the core area of the Wauhatchie Battlefield in Hamilton County, for a grant amount not to exceed \$259,446.00. (District 1)

- c. A resolution authorizing the Administrator for the Department of Economic and Community Development to award HOME Program funds for the purpose of creating affordable housing to Habitat for Humanity of Greater Chattanooga, for an amount not to exceed \$40,000.00. (Added with permission of Chairman Oglesby)

#### **INFORMATION TECHNOLOGY**

- d. A resolution authorizing the Chief Information Officer (CIO) to renew the City's existing contract with Central Square d/b/a TriTech Software Systems providing software interface technologies, professional services for Citywide software integration, and other technical services for the City beginning June 1, 2019 through May 31, 2020, with an annual spend limit not to exceed \$500,000.00.
- e. A resolution authorizing the Chief Information Officer (CIO) to enter into a one-time purchase agreement with DLT Solutions, Inc. for the purchase of Autodesk software licenses and support products effective January 18, 2020 through January 17, 2021, servicing the Department of Public Works, the Department of Transportation, and the Regional Planning Agency, for an amount not to exceed \$27,405.70.

#### **PLANNING**

- f. 2020-0007 Nathaniel S. Goggans (Special Exceptions Permit). A resolution approving a Special Exceptions Permit for an A-1 Urban Agricultural Zone for lots less than five (5) acres for property located at 1331 Burgess Road. (District 1) (Recommended for approval by Planning and Staff)
- g. A resolution to adopt the Airport District Master Plan Study. (Districts 5 & 6)

#### **PUBLIC WORKS AND TRANSPORTATION**

##### **Public Works**

- h. A resolution authorizing the approval of Change Order No. 1 for J. Cumby Construction, Inc. of Cookeville, TN, relative to Contract No. W-16-017-201, MBWWTP Solids Process Optimization Implementation – Phase 2 Thickener Upgrades, a Consent Decree Project, for the increased amount of \$1,237,848.00, which includes a contingency amount of \$112,500.00, for a revised contract amount of \$5,564,748.00. (District 1)
- i. A resolution authorizing the approval of Change Order No. 1 for JDH Company, Inc. of Chattanooga, TN, relative to Contract No. Y-19-014-201, Replacement Roofing System for Warner Park/UTC Softball Field House, for an increased amount of \$46,605.00, plus a contingency amount of \$5,000.00, for a revised contract amount of \$93,210.00. (District 8)

**Revised Agenda for Tuesday, February 11, 2020**

**Page 5**

- j. [A resolution authorizing the Administrator for the Department of Public Works to renew blanket Purchase Order No. 553122 with ENCO Utility Services for a one \(1\) year renewal period, with one \(1\) optional one \(1\) year renewal period remaining for sewer billing services, for an amount not to exceed \\$1.5 million.](#)
- k. [A resolution authorizing payment to Tennessee One-Call System for 2020 utilizing the system for annual billing, in the amount of \\$36,334.15.](#)

VIII. Purchases.

IX. Other Business.

**4 Friends, LLC d/b/a Jax Liquor Store - Certificate of Compliance (District 7).**

X. Committee Reports.

XI. Recognition of Persons Wishing to Address the Council.

XII. Adjournment.

**TUESDAY, FEBRUARY 18, 2020**  
**CITY COUNCIL AGENDA**  
**6:00 PM**

1. Call to Order by Chairman Oglesby.
2. Pledge of Allegiance/Invocation (Councilman Byrd).
3. Special Presentation.

**Order of Business for City Council**

4. Minute Approval.
5. **Ordinances - Final Reading:**

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- a. 2020-0006 Nathaniel S. Goggans (R-1 Residential Zone to A-1 Urban Agricultural Zone with Special Permit). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 1331 Burgess Road, from R-1 Residential Zone to A-1 Urban Agricultural Zone with Special Permit. (District 1) (Recommended for approval by Planning and Staff)
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6. **Ordinances - First Reading: (None)**

7. **Resolutions:**

**ECONOMIC AND COMMUNITY DEVELOPMENT**

- a. [A resolution authorizing the Mayor, or his designee, to negotiate a donation agreement with the AIM Center, Inc. for the donation of property located at 1815 East Main Street for the development of sixty \(60\) units of permanent supportive housing contingent upon the property being accepted into the Tennessee Department of Environment and Conservation \(TDEC\) Brownfield Voluntary Agreement \(BVA\) Program and the AIM Center, Inc. being awarded financing from the Tennessee Housing Development Agency. \(Revised with Permission of Chairman Oglesby and Councilman Byrd\)](#)
- b. [A resolution authorizing the Mayor, or his designee, to apply for, and if accepted enter into the Tennessee Department of Environment and Conservation \(TDEC\) Brownfield Voluntary Agreement \(BVA\) Program as it relates to property located at 1815 East Main Street. \(Added by permission of Vice-Chairman Henderson and Councilman Byrd\)](#)



**SHORT TERM VACATION RENTAL APPLICATIONS**

- c. [2020-01 David Luzurigga/Trish Morgan. A resolution approving Short Term Vacation Rental Application No. 19-STVR-00177 for property located at 113 Ochs Hwy. \(District 7\)](#)
- d. [2020-02 Brad Burcham/Laura Farren. A resolution approving Short Term Vacation Rental Application No. 19-STVR-00182 for property located at 3043 St. Elmo Ave. \(District 7\)](#)
- e. [2020-03 George Stanford, III/Thomas Diller. A resolution approving Short Term Vacation Rental Application No. 19-STVR-00186 for property located at 2411 Ivy Street. \(District 7\)](#)

**PLANNING**

- f. [A resolution authorizing and directing the Clerk of the Council to advertise for public hearing on March 17, 2020, the deannexation of a certain parcel adjacent to the current city limits which is located at 2815 Military Road, within the City of Chattanooga, in Hamilton County, Tennessee. \(District 7\)](#)

**PUBLIC WORKS AND TRANSPORTATION**

**Public Works**

- g. [A resolution authorizing the Administrator for the Department of Public Works to award Contract No. E-19-010 to Talley Construction, Ferdinand Piech Way Widening, in the amount of \\$1,449,059.23, plus a contingency amount of \\$144,905.92, for a total amount not to exceed \\$1,593,965.15. \(District 6\)](#)
- 8. Purchases.
  - 9. Other Business.
  - 10. Committee Reports.
  - 11. Recognition of Persons Wishing to Address the Council.
  - 12. Adjournment.

**Proposed City Council Purchases 02-11-2020**

DEPARTMENT REQUISITION NO.	ITEM DESCRIPTION	BIDS REQUESTED	BIDS RETURNED	LOWEST/BEST BIDDER	COST	FUND NAME	SUMMARY Additional Supplemntation Requested Collected Prior to Council Session
PO556058 Public Works Department	Increase of Authorized Expenditure - Haworth Open Landscape Furniture - Facilities Division - Public Works Department	-	-	NOI Chattanooga 4167 S. Creek Rd. Chattanooga, TN 37406	Increase Amount \$50,000.00 ~~~~~ Estimated Total \$150,000.00 Annually	General Fund	Increase of Authorized Expenditure - Haworth Open Landscape Furniture - Facilities Division - Public Works Department. The increase will cover the purchase of furniture for unforeseen renovations.
R195289 Public Works Department	Purchase - Service Repairs on Roadtec Paving Equipment - City Wide Services Division - Public Works Department	-	-	Roadtec, Inc. 2909 Riverside Drive Chattanooga, TN 37406	Total Cost \$30,245.72	General Fund	Purchase - Service Repairs on Roadtec Paving Equipment - City Wide Services Division - Public Works Department. Roadtec, Inc who is the sole provider for repairs and rebuilds on Roadtec Asphalt Milling Machines and Planers. TCA 6-56-304.2 allows this single source blanket contract exempted from the usual advertising and bidding requirements.
R193457 Public Works Department	New Blanket Contract - SCADA Sytem and Operational Technology Network Support - Waste Resource Division - Public Works Department	4	2	Lord & Company, Inc. 2100 Carolina Place Drive Fort Mill, SC 29708	Total Estimate \$450,000.00 Annually	Waste Resource Division	New Blanket Contract - SCADA Sytem and Operational Technology Network Support - Waste Resource Division - Public Works Department. The City of Chattanooga will issue a new blanket contract for twelve (12) months with the option to renew for two (2) additional twelve (12) month terms. There were four (4) direct bid solicitations and we received two (2) responses in the publicly advertised bid proceedings.
PO541758 Public Works Department	Blanket Contract Extension - Vehicle Oils, Lubricants & Fluids - Fleet Management Division - Public Works Department	14	4	Hunter Oil Company 2009 S. Highland Park Avenue Chattanooga, TN 37404	Total Estimate \$26,000.00 Annually	General Fund	Blanket Contract Renewal - Vehicle Oils, Lubricants & Fluids - Fleet Management Division - Public Works Department. The City of Chattanooga is extending this contract for two (2) months in order to give Fleet Management Division time to update information for bidding. There was fourteen (14) direct bid solicitation and we received four (4) responses in the publicly advertised bid proceedings.



# City of Chattanooga

Mayor Andy Berke

February 5, 2020

Mr. Justin Holland  
Administrator, Public Works Department  
Waste Resources Division  
1250 Market Street, Suite 2100  
Chattanooga, TN 37402

**Subject: Blanket PO No. 556058– Haworth Open Landscape Furniture -  
Facilities Division – Public Works**

Dear Mr. Holland:

Council approval is recommended to increase the authorized expenditure of the subject contract. The change order will increase the estimated annual expenditure from \$100,000 to \$150,000. The increase will cover services needed prior to renewal of this contract. Blanket PO No. 556058 is with NOI Chattanooga, 4167 S Creek Rd., Chattanooga, TN 37406.

Respectfully yours,

A handwritten signature in blue ink that reads "Vickie Haley".

Vickie Haley  
Interim Director of Purchasing

VH/ab

Attachments

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 55935  NOI Chattanooga 4167 S Creek Road Chattanooga, TN 37406
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PO Date: 28-OCT-19 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number</b> <b>556058</b>  INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
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Requestor		Requisition Number		Bid Number	
<b>Line Nbr</b>	<b>Item ID - Item Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
Requisition / Bid No.: 190676 / 305669 Ordering Dept.: Facilities Management Division, Public Works Buyer: Mark McKeel Phone No.: 423-643-7236  Items Being Purchased: Haworth Open Office Landscape Furniture - SWC 238  This contract is to coincide with the State of Tennessee SWC 238 Contract No. 64063. Current contract expires August 31, 2020 with two (2) additional twelve (12) month renewals. State of Tennessee contract will end August 31, 2022.  ATTACHMENTS: City of Chattanooga (COC) Terms and Conditions posted on Website <a href="http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions">http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions</a> If you can't download call buyer for a copy.  This Shall Be An Eleven (11) Month Blanket Contract To Supply Haworth Open Office Landscape Furniture to General Services, Building Maintenance.  The Contract Term May Be Renewed For An Additional Two (2) Twelve (12) Month Term Under The Same Terms And Conditions By Mutual Agreement. The City Of Chattanooga And The Contractor May Bilaterally Extend The Contract By Providing Written Confirmation Of Agreement By Both Parties At Least 30 Days Prior To The Contract's Current Expiration Date Into Any Successive Term As Provided Herein.  **** Vendor Shall Hold Prices Firm for First (1st) Year of Contract ****  Price Escalation Clause: If as a result of a general change in prices or discounts, the Contractor has changed prices to all of its customers, the price under this contract may be adjusted accordingly. Contractor may be requested to show proof of alleged price changes prior to approval of any price adjustments.  City Council approved on October 22, 2019  Contract dates: October 28, 2019 to August 31, 2020  Vendor Contact: Steven Davis Phone No.: 423-629-6100 Mobile No.: 423-903-0959 Fax No.: 423-629-6177 E-mail: sdavis@noi-tn.com					

\*\*\*\*\* NOTICE \*\*\*\*\*

This Purchase Order ("Agreement") is a binding agreement between the City of Chattanooga and the Vendor. This Purchase Order shall be governed by the following documents: (1) Purchase Order; (2) City of Chattanooga Purchase Order Standard Terms and Conditions; (3) Vendor's response to the bid or quotation; and (4) terms and conditions set forth in the bid or quotation, each of which is hereby incorporated herein by reference and becomes a part of this Agreement. In the event any conflict of terms arises, the terms controlling the Agreement shall be in the order provided hereinabove. This Purchase Order is valid only when signed or electronically approved by the Finance Officer.

Electronic approval is on record in the purchasing information system which asserts that unencumbered appropriation is available to meet the expenditure covered by this Purchase Order, and further

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 55935
	NOI Chattanooga 4167 S Creek Road Chattanooga, TN 37406

PO Date: 28-OCT-19 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number <b>556058</b>  INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
2	Consulting Services, Furniture Related	0.00	Hour	\$ 65.0000	\$ 0.00
3	Furniture Installation Services, including De-Installation and Re-Installation	0.00	Hour	\$ 45.0000	\$ 0.00
4	Furniture Installation Services, including De-Installation and Re-Installation; After-Hours & Weekends	0.00	Hour	\$ 55.0000	\$ 0.00
5	Consulting Services, Noise Suppression	0.00	Hour	\$ 154.0000	\$ 0.00
6	Noise Suppression Installation Services, including Re-Installation & De-Installation	0.00	Hour	\$ 153.0000	\$ 0.00
7	Noise Suppression Services, including Re-Installation & De-Installation; After-Hours & Weekends	0.00	Hour	\$ 226.0000	\$ 0.00
8	Panels - Unigroup; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
9	Panels - Unigroup II; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
10	Seating - Very Side & Task; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
11	Seating / Chair - Hello, To-Do, Harbor Work Lounge, Openst, Poppy; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
12	Seating - Tables 3 & 4; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
13	Tasking Seating - Improv; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
14	Casegoods - Pricelist 1 & 2, National; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
15	Steel File Storage / Casegoods - X Series; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
16	Locks - Lock Program; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
17	Steel Pedestal Storage / Files & Peds - V Series; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
18	Worksurfaces - Adjustable Components; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
19	Tables, Planes, Compose Wood Storage, Easel - Planes Tables, Compose Wood; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
20	Tables, Height Adjustable Tables - Hop & Jump Tables; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
21	Organization Worktools - Belong & Jumpstuff Work Tools	0.00	Each	\$ 1.0000	\$ 0.00

\*\*\*\*\* NOTICE \*\*\*\*\*

This Purchase Order ("Agreement") is a binding agreement between the City of Chattanooga and the Vendor. This Purchase Order shall be governed by the following documents: (1) Purchase Order; (2) City of Chattanooga Purchase Order Standard Terms and Conditions; (3) Vendor's response to the bid or quotation; and (4) terms and conditions set forth in the bid or quotation, each of which is hereby incorporated herein by reference and becomes a part of this Agreement. In the event any conflict of terms arises, the terms controlling the Agreement shall be in the order provided hereinabove. This Purchase Order is valid only when signed or electronically approved by the Finance Officer.

Electronic approval is on record in the purchasing information system which asserts that unencumbered appropriation is available to meet the expenditure covered by this Purchase Order; and further authorizes payment upon proper certification of receipt of goods and/or services.

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 55935
	NOI Chattanooga 4167 S Creek Road Chattanooga, TN 37406

PO Date: 28-OCT-19 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number 556058</b>  INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
--	---

<b>S H I P T O</b>	
--	--

<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
--	--

Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
22	Pencil Tray / Peds - X Series; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
23	Tackboards / Slatwalls - Places; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
24	Desking, Wire Management - Patterns, Reside Desking; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00
25	Noise Suppression - Cambridge Sound Masking; See Chart for Discount Percent	0.00	Each	\$ 1.0000	\$ 0.00

**TOTAL: \$ .00**

\*\*\*\*\* NOTICE \*\*\*\*\*

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# City of Chattanooga

Mayor Andy Berke

February 3, 2020

Mr. Justin Holland  
Administrator, Public Works Department  
City Wide Services  
1250 Market Street, Suite 2100  
Chattanooga, TN 37402

**Subject: R195289 – Service Repairs on Roadtec Paving Equipment – City  
Wide Services Division – Public Works Department**

Dear Mr. Holland:

Council approval is recommended for purchase of Service Repairs on Roadtec RX500 Asphalt Milling Machine, Model No. WC446, SN 184, City Wide Services, Public Works Department, in the amount of \$30,245.72.

Roadtec, Inc is the sole provider for repairs and rebuilds for Roadtec Asphalt Milling Machines and Planers. TCA 6-56-304.2 allows this single source blanket contract exempted from the usual advertising and bidding requirements.

I recommend approval of this purchase to Roadtec, Inc, 2909 Riverside Drive, Chattanooga, TN 37406.

Respectfully yours,

Vickie Haley  
Interim Director of Purchasing

VH/mlm

Attachments



City Purchasing Buyer

Navigator

Favorites

Home Logout Preferences Help

10K Validation Approval : Purchase Requisition 195289 for Janeway, Marie (30,245.72 USD)- NIGP Code: 962-58-00

Back Step 2 of 4 Next

Approve Reject Reassign Request Information

From	<b>Janeway, Marie</b>	Description	<b>Roadtec - Rebuild RX-500 SN 184 SRD-5863, WC 446 SSA Equipment</b>
To	<b>10K Excess Notification</b>	Requisition Total	<b>30,245.72 USD</b>
Sent	<b>31-Jan-2020 12:11:34</b>	Estimated Tax	<b>0.00 USD</b>
Due	<b>07-Feb-2020 12:11:34</b>	Attachments	<a href="#">Roadtec Proforma Inv_SERPR-001992 for Requisition.pdf</a>
ID	<b>2336781</b>		

This Requisition will cause the total purchase of this commodity to exceed \$10,000 for the previous 12 months.

NOTE: If you want the Requestor to enter a requisition for a Blanket Agreement for this commodity, reject this requisition.

APPROVAL of this requisition will forward it to the next approver without a Blanket Agreement.

REJECTION of this requisition will return it to the requestor with a notification to create a requisition for a Blanket Agreement.

Approval Sequence



Num	Name	Action	Action Date	Note
1	Janeway, Marie Piper	Submitted	31-Jan-2020 12:11:34	

Related Applications

[Open Document](#)

Response

Note

Return to Worklist Back Step 2 of 4 Next

Approve Reject Reassign Request Information

Home Logout Preferences Help

Privacy Statement

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Roadtec, Inc.  
P.O. Box 180515  
CHATTANOOGA, TN 37405  
USA  
Telephone: 423-265-0600  
Fax: 423-267-0129  
Fed ID:



**Proforma invoice**

Proforma invoice number  
Date 1/28/2020  
Customer account CUST-001391  
Service Order Number: SRD-005863  
Service Order Date: 10/7/2019 8:59:17 AM  
Due Date 2/27/2020  
Payment terms Net-30  
Pro forma invoice SERPR-001992

**Sold To:**  
CITY OF CHATTANOOGA  
FLEET MAINTENANCE DIV 1  
1005 EAST 12TH STREET  
CHATTANOOGA, TN 37403  
USA

Project name: CITY OF CHATTANOOGA/RX-500 SN 184  
Project ID: SERPROJ-001771

**Service Address:**  
CITY OF CHATTANOOGA  
2909 RIVERSIDE DR  
CHATTANOOGA, TN 37406  
USA

Cutter Housing & Drum: Replaced rear moldboard scraper blade. Replaced wear paddles on cutter drum. Replaced cutter drum bearing. Repaired rear of cutter housing. Replaced cutter housing mounting bolts.

Machine: Replaced track pads. Replaced track connecting pins and bushings. Replaced track sprockets. Reinforced water tank.

	Category	Description	Quantity	Unit Price	Amount
<b>Hour</b>					
	REPLBR-REB	Rebuild Labor-Rebuild	1.00	16875.00	16875.00
	<b>Total Hour</b>				<b>16875.00</b>
<b>Item</b>					
209007-04	REPRPARTSITEM	Detail-sidewear Plate #1	1.00	92.15	92.15
209028-04	REPRPARTSITEM	Detail-sidewear Plate #2	2.00	87.04	174.07
201211-01	REPRPARTSITEM	RX-500 Rear Ch Retro	1.00	140.79	140.79
142379	REPRPARTSITEM	Carriage Bolt 5/8-11 X 2 1/2"lg.	7.00	1.27	8.92
92247	REPRPARTSITEM	Nut 5/8"-11 Top Lock Grade 8	7.00	0.35	2.46
140214-03	REPRPARTSITEM	Replaceable Wear Plate Weldment	12.00	127.35	1528.24
00891	REPRPARTSITEM	Bolt Hex 3/4"-10 X 1 3/4" Gd.8	24.00	1.27	30.57
83752-04	REPRPARTSITEM	Washer Lock 3/4" Spring Steel	24.00	0.25	5.99
210516-04	REPRPARTSITEM	Track Poly Bolt-on 12" Pad	46.00	42.87	1972.19
212290-04	REPRPARTSITEM	Track 14" Replaceable Track Pad	26.00	47.35	1231.19
208892-04	REPRPARTSITEM	Track Replaceable Pad Nut	288.00	0.32	92.16
208026-03 CTT	REPRPARTSITEM	Bushing For Track Connecting Pin	6.00	97.27	583.64
202978-02	REPRPARTSITEM	WLDT-TRACK FRAME BOLT-RX-500	2.00	432.00	863.99
201087-04	REPRPARTSITEM	Nut 2 1/4-12 Heavy Hex	3.00	10.23	30.70
309035-03	REPRPARTSITEM	Bearing Roller Concentra	1.00	795.51	795.51
94715	REPRPARTSITEM	Bolt - Hex 3/4-10 X 3"full Th.	4.00	6.39	25.57
83752-04	REPRPARTSITEM	Washer Lock 3/4" Spring Steel	4.00	0.25	1.00
225323-03	REPRPARTSITEM	Scraper Blade Rear Mboard 86"	1.00	1024.63	1024.63
223609-03	REPRPARTSITEM	Bottom Water Tank Re-enforcement Pl	1.00	741.75	741.75
279739-04	REPRPARTSITEM	TAPERED INSERT ~ CUTTER HOUS BOLT 7/9	16.00	92.15	1474.46
279740-04	REPRPARTSITEM	BUSHING ~ CUTTER HOUSING BOLT 7/9	8.00	46.71	373.71

Roadtec, Inc.  
P.O. Box 180515  
CHATTANOOGA, TN 37405  
USA  
Telephone: 423-265-0600  
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Project name: CITY OF CHATTANOOGA/RX-500 SN 184  
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Machine: Replaced track pads. Replaced track connecting pins and bushings. Replaced track sprockets. Reinforced water tank.

Item	Category	Description	Quantity	Unit Price	Amount
83031	REPRPARTSITEM	Nut 1 1/2"-6 Hex Grade 8	8.00	2.55	20.43
237117-01	REPRPARTSITEM	Ch500 Cutter Housing Clad Wear Plat	1.00	4566.39	4566.39
279753-04	REPRPARTSITEM	Cutter Housing Bolt Hex 1 1/2-6 X 6	8.00	40.95	327.63
203026-03-C27	REPRPARTSITEM	Pin Track Chain Master Assembly	3.00	78.71	236.14
203026-03-C4	REPRPARTSITEM	Kit Sprocket For Bonfig Gearbox	3.00	218.23	654.70
203026-03-C5	REPRPARTSITEM	Kit Screw	24.00	1.27	30.57
203026-03-C6	REPRPARTSITEM	Kit Washer	24.00	0.38	9.22
239956-01	REPRPARTSITEM	Cyl 1 1/2" Bore X 14 3/4" Stroke	1.00	302.71	302.71
85462-04	REPRPARTSITEM	Fit Elbow 6 Jic - 1/4" Npt 90 Deg	2.00	1.92	3.83
86623-04	REPRPARTSITEM	Fit 1/4 Npt M - 6 Jic Fem Swivel	2.00	2.56	5.11
209027-04	REPRPARTSITEM	Detail-sidewear Plate #1	(1.00)	92.15	(92.15)
209028-04	REPRPARTSITEM	Detail-sidewear Plate #2	(2.00)	87.04	(174.07)
337117-01	REPRPARTSITEM	Ch500 Cutter Housing Clad Wear Plat	(1.00)	4566.39	(4566.39)
222898-01-11	REPRPARTSITEM	Fl.bar 1 X 1 1/2 X 86 1/8 A36	2.00	88.96	177.91
<b>Total Item</b>					<b>12695.72</b>

**Fees**

CONSUMABLE	CONSUMABLES	1.00	675.00	675.00
<b>Total Fees</b>				<b>675.00</b>

Roadtec, Inc.  
P.O. Box 180515  
CHATTANOOGA, TN 37405  
USA  
Telephone: 423-265-0600  
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**Service Address:**

CITY OF CHATTANOOGA  
2909 RIVERSIDE DR  
CHATTANOOGA, TN 37406  
USA

Project name: CITY OF CHATTANOOGA/RX-500 SN 184  
Project ID: SERPROJ-001771

<b>Subtotal</b>	<b>30,245.72</b>
<b>Charges</b>	<b>0.00</b>
<b>Net Amount</b>	<b>30,245.72</b>
<b>Sales Tax</b>	<b>0.00</b>
<b>Total Due</b>	<b>30,245.72</b>

**Wire/ACH Instructions:**

Wells Fargo Bank N.A.  
420 Montgomery St., San Francisco, CA 94104  
Account #: 2000031376196  
ABA #: 121000248  
SWIFT: WFBUS6S

**Mail Payments To:**

Roadtec Inc.  
P.O. Box 934294  
Atlanta, GA 31193-4292

Approved By: Benny Adams Approved Date: 1/30/20 Purchase Id: \_\_\_\_\_



Roadtec, Inc.  
2909 Riverside Dr.  
Chattanooga, TN

June 28, 2019

To Whom It May Concern:

We are the original manufacturer of your Roadtec brand Parts & Service. Roadtec, Inc. does not have a distributor network within the State of Tennessee. We manufacture and sell replacement parts to all of our customers. Therefore, the only source for Roadtec Parts and Service will be our Chattanooga, TN facility.

If any questions or concerns please feel free to contact me.

Sincerely,

Jon Elko  
Rebuild Sales Manager  
423-622-9202 Work  
423-622-9072 Fax  
423-595-2932 Cell

CHATTANOOGA PURCHASING DIVISION  
SOLE SOURCE JUSTIFICATION FORM

Sole source purchases are goods and services available from only one supplier, and cannot be procured through the competitive bidding process because of the existence of a single source of supply, or other reason below. Justification for this basis must be provided, per purchase order.

Description of item/service, its function and cost estimate \$23,758.76

This is a sole source vendor because:

- Sole provider of proprietary rights, and/or Is a licenses or patented good or service.
- Sole provider of items that are repair parts of or upgrades to existing equipment/systems.
- Sole provider of factory-authorized warranty service.
- Sole provider with specialized facilities or technical competence.
- Sole provider of unique equipment or products not offered by others.

What steps were taken to verify that these features are not available elsewhere?  
(Attach any additional explanation)

Other brands/manufacturers were examined (List specific company names, phone numbers and contact names, and explain why there were not suitable)

Other vendors were contacted (list specific company names, phone numbers and contact names, and explain why these were not suitable).

What specific feature makes this item unique and why it this feature needed for your project?  
Authorized Dealer to work on the RX-500 Asphalt Milling Machine WC 446

Please attach the suggested vendor's letter stating the reasons that it is considered a sole source for the product/service, if applicable.

Suggested Vendor Roadtec

Department City Wide Services Contact: Sharon Smith

My department's recommendation for sole source is based upon an objective review of the good/service being required and appears to be in the best interest of the City.

  
Department Head's Signature

5-21-19  
Date



# City of Chattanooga

Mayor Andy Berke

January 30, 2020

**Mr. Justin Holland**  
**Administrator, Public Works Department**  
**Waste Resources Division**  
**1250 Market Street, Suite 2100**  
**Chattanooga, TN 37402**

**Subject: 193457 / 305729 SCADA System and Operational Technology Network Support – Waste Resources Division, Public Works**

**Dear Mr. Holland:**

The Public Works Department may now seek Council approval to issue a blanket contract for SCADA System and Operational Technology Network Support for the Waste Resources Division. The contract will be for twelve (12) months with the option to renew for two (2) additional twelve (12) month terms. The estimated annual expenditure for this contract is \$450,000.

The invitation to bid was sent out to four (4) vendors as well as formally advertised. Bids were received from two (2) vendors. Bids are retained on file in the Purchasing Office for your review upon request.

I recommend awarding the blanket contract for SCADA System and Operational Technology Network Support to Lord & Company, Inc., 2100 Carolina Place Drive, Fort Mill, SC 29708, as the best bid meeting specifications for the City of Chattanooga.

Respectfully yours,

A handwritten signature in blue ink that reads "Vickie Haley".

**Vickie Haley**  
**Interim Director of Purchasing**

VH/ab

**Attachments**

**Lord & Company, Inc.**  
**2100 Carolina Place Drive**  
**Fort Mill, SC 29708**

**RMJ Consulting**  
**PO Box 475**  
**Ooltewah, TN 37363**

**Diversified Integration**  
**2113 Fries Road**  
**Galax, VA 35**

**Global Data Specialists**  
**1815 W. First Ave., Suite 110**  
**Mesa, AZ 85202**



Item #	Item	Quantity	Unit	Lord & Company, Inc.		RMJ Consulting, LLC	
				Unit Price	Total Price	Unit Price	Total Price
1	SCADA Technician - regular hours	2500	Hour	\$ 158.00	\$ 395,000.00	\$ 167.00	\$ 417,500.00
2	SCADA Technician - overtime hours	210	Hour	\$ 158.00	\$ 33,180.00	\$ 269.00	\$ 56,490.00
3	Parts & Materials % markup	1	Each	10%	-	15%	-
4	OIT/IT/Security - Monthly Monitoring & Management	12	Each	\$ 120.00	\$ 1,440.00	\$ 1,173.00	\$ 14,076.00

**Total** \$429,620.00 \$488,066.00

SCADA System & Operational  
Technology Network Support  
Bid Number: 305729

Prepared for



Derek Mathews  
Lord & Company, Inc.  
2100 Carolina Place Drive  
Fort Mill, SC 29708  
803-802-0060 ext 103





2100 Carolina Place Drive; Fort Mill, SC 29708  
Tel: (803) 802-0060 Fax: (803) 802-0070  
Website: [www.lordandcompany.com](http://www.lordandcompany.com)

**Locations**

Fort Mill, South Carolina  
Durham, North Carolina



Lord and Company, Inc. respectfully submits our Qualifications for the "SCADA System & Operational Technology Network Support" for your review.

This Qualifications Package was prepared with care and should be easy to follow, but if you have any questions concerning this package please do not hesitate to contact our Sales Department

We believe that how we do business with our clients is as important as what we do for our clients. By maintaining a firm focus on quality, training and client satisfaction, Lord & Company has grown to be a leader of wide-ranging turnkey and customized Instrumentation and SCADA Systems.

We have local support with a deep bench of experienced engineers to support the City of Chattanooga. We utilize the best proven and latest hardware and software in the industry. We are known for our excellent customer training and intentionally provide the best documentation in the industry.

Thanks again and may God richly bless...

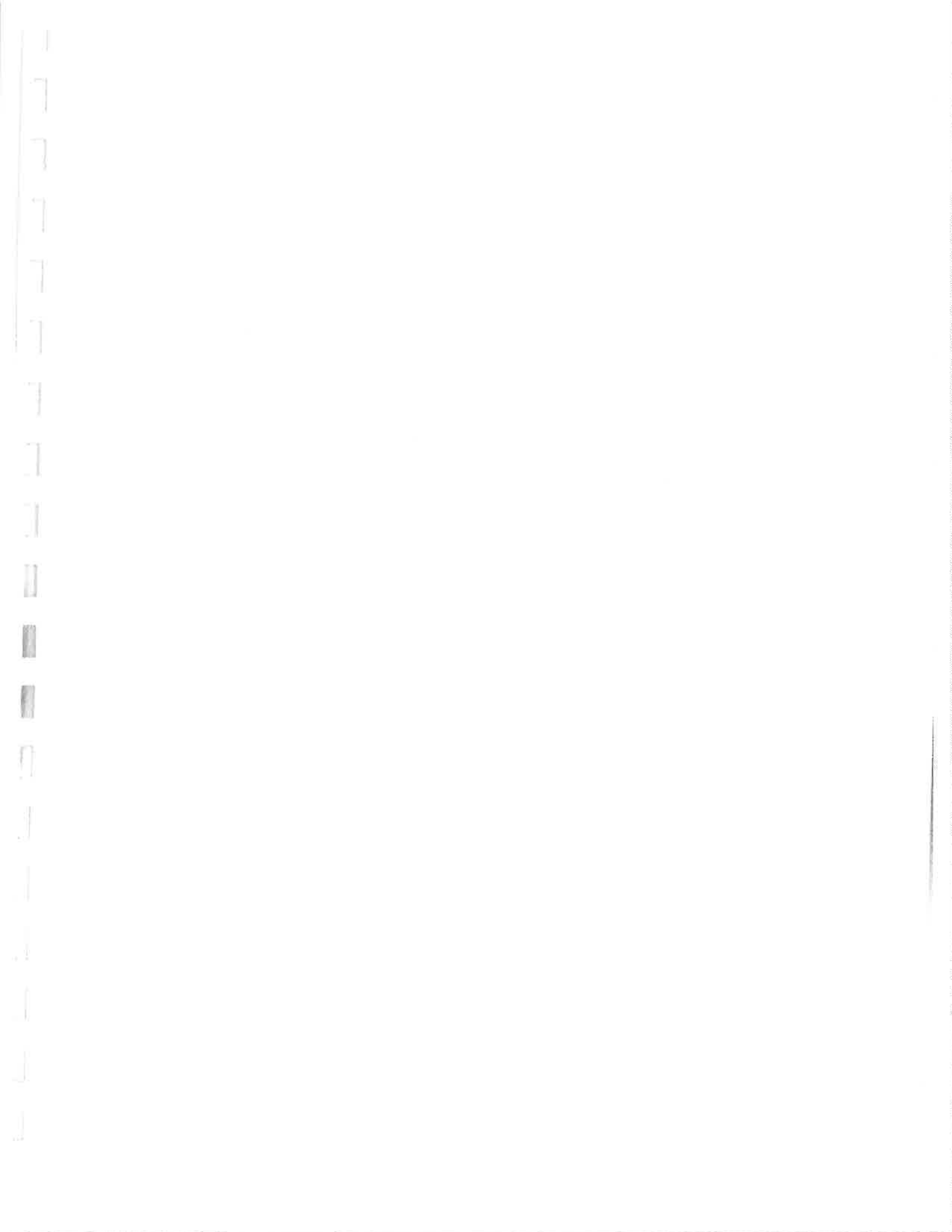
Derek Mathews  
President

*Derek Mathews*

*Lord and Company, Inc.*  
2100 Carolina Place Drive  
Fort Mill, SC 29708  
(803) 802-0060, Ext. 107  
(803) 802-0070 fax  
**Website:** [www.lordandcompany.com](http://www.lordandcompany.com)

# Index

- Section 1: Executive Summary
- Section 2: Company Profile
- Section 3: Client Profiles
- Section 4: Team Member Qualifications
- Section 5: Bid Solicitation
- Section 6: Addendum Acknowledgements
- Section 7: Certifications



## Section 1: Executive Summary

### Lord & Company, Inc. a SCADA Solution Provider & Supporter

Lord & Company, Inc. would be privilege to continue our partnership with the City of Chattanooga to be your selected SCADA Support Professionals.

Lord & Company, Inc. is a leading supplier of open automation solutions for real-time management and optimization of complex production and networks for over 37 years. We have successfully **delivered Hundreds of SCADA systems** with ongoing support and stand ready to meet this new challenge to work along side you and maintain your SCADA system.

L&C is an industrial system integrator providing automation design, telemetry systems, Supervisory Control and Data Acquisition Systems, process motor controls, startup and instrumentation maintenance to the industrial and municipal markets. As a **CSIA certified Integrator** with a UL-508/UL-698 Certified Control Panel shop, **Motorola VAR** and as a **VTScada Certified Advanced Integrator** we believe that how we do business with our clients is as important as what we do for our clients.

We understand the importance of keeping the current system operational, even while integration of new systems are being implemented, and zero down times will always be at the front of our minds.

We will evaluate all existing HMI & PLC Systems and create backups and maintain current documentation at all times. Our programmers will work with the operations staff and facilities electricians as a team to resolve any system issues that may arise. Any additions made to system we will try our best to maintain a familiar look and feel of the current overall system.

We understand the capital investment that the City of Chattanooga has made over the years with their current system so we will make every effort to keep it running at peak performance.

Lord & Company, fully understands and accepts the responsibilities/expertise needed to support City of Chattanooga request mention below:

- ✓ Water and Wastewater SCADA and controls systems design, programming, networking, **SQL Databases** and commissioning for new and existing systems/equipment - repair/service
- ✓ Quarterly services with Emergency on-call services, as needed

- ✓ Normal time SCADA System Troubleshooting
- ✓ On-site Assistance as required and by phone when possible
- ✓ Normal priority SCADA system integration during normal business hours (typical)
- ✓ New Project Integration
- ✓ PLC and HMI Programming and Design
- ✓ Control panel maintenance and operator workstation diagnostics
- ✓ New and existing system on-site training
- ✓ Telephone support in all areas of control, telemetry, networking, instrumentation 24/7/365
- ✓ Systems design and Instrumentation Coordination
- ✓ Data Storage/Historian Coordination/Programming
- ✓ Trihedral VTScada Certified Solution Provider
- ✓ **Hundreds of Motorola RTU Systems deployments with customers including:**
  - Carroll County, VA PSA
  - Chattanooga, TN (800MHz)
  - Chester County, SC
  - Cocoa, FL
  - Faith, NC
  - Henderson, NC
  - Heath Springs, SC
  - Kannapolis, NC (800MHz)
  - Kingsport, TN
  - Landis, NC (800MHz)
  - New Bern, NC (800MHz)
  - Newport News, VA Public Works (800MHz)
  - New York Fire Department "FDNY", NY, NY
  - New York Police Department "NYPD", NY, NY
  - Pitt County, NC
  - Salisbury, NC (800MHz)
  - Seminole County, FL
  - St. Johns County, FL
  - Wake County, NC (800MHz)
  - York County, SC Public Works (800MHz)
- ✓ Full Staff of Project Engineers and Service Personnel

Currently, we are working on two (2) projects for Chattanooga (**Wet Weather Combined Sewer Storage Phase 1 and CITICO Pump Station PCP PLC Programming Services**), which would make for a simple, yet ideally transition to provide on-call services surrounding the City's request. We also completed the Telemetry and SCADA Upgrades Contract No. W-10-012-201 for the City of back in April of 2018.

Lord & Company, Inc. has over **20 years of experience** in deploying and maintaining Motorola, GE, Allen-Bradley, Automation Direct and VTScada systems and you can trust us to maintain your current system to keep it running for

many years to come. **Foremostly, we want to be your Solution Provider that will work alongside you to complete a common mission for today and years into the future.**

Lord and Company, Inc.  
2100 Carolina Place Drive  
Fort Mill, SC 29708  
(803) 802-0060  
[www.lordandcompany.com](http://www.lordandcompany.com)

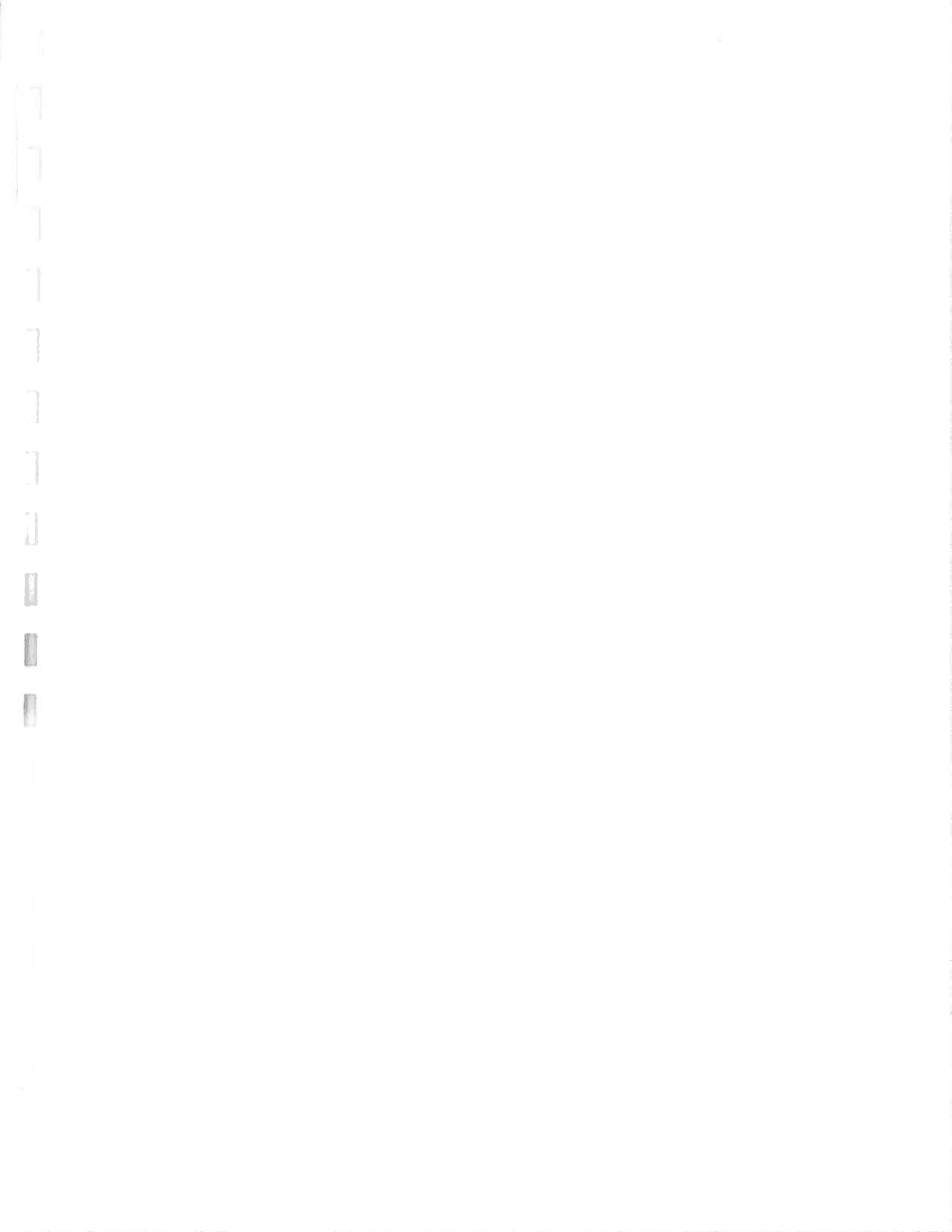


**THANKING  
ALL OF  
OUR CLIENTS  
OVER 36 YEARS**

✓ **CSIA CERTIFIED**  
by the Insurance Institute

✓ **NAMED TOP 100  
INTEGRATOR**  
by Insurance Business Magazine

✓ **100% RETENTION  
RATE**





## Section 2: Company Profile

### Locations

---

#### Industrial Automation Division-Fort Mill

2100 Carolina Place Drive  
Fort Mill, SC 29708  
Phone: 803-802-0060  
Fax: 803-802-0070  
E-mail: [dmathews@lordandcompany.com](mailto:dmathews@lordandcompany.com)  
Contact: Derek Mathews

#### Industrial Automation Division-Durham

800 Park Office Drive  
Durham, NC 27709  
Phone: 919-389-8605  
E-mail: [hkataria@lordandcompany.com](mailto:hkataria@lordandcompany.com)  
Contact: Hitesh Kataria

### Overview

---

Lord & Company, Inc. is an industrial system integrator providing automation design, telemetry systems, Supervisory Control and Data Acquisition Systems, process motor controls, startup and instrumentation maintenance to the industrial and municipal markets. As a CSIA certified Integrator with a UL-508/UL-698 Certified Control Panel shop we believe that how we do business with our clients is as important as what we do for our clients.

Lord & Company's dedication to quality and service excellence has resulted in steady growth, supported by long-term clients who continuously rely on Lord & Company for quality products and excellent service. This same dedication to our clients and our industry, has led us to become a full-service organization experienced in all phases of the automation industry, from engineering design to start-up and training.

### History

---

Lord & Company was incorporated in 1982 and celebrated our 30th year in business in March 2012. The company began as an Instrumentation and Controls Engineering Services firm serving primarily the A/E community of industrial markets, to include design, installation and service of control systems in each of the areas described above.

During the past several years, Lord & Company has continued to steadily grow and expand. This growth is a direct result of our ongoing commitment to provide our clients with the highest quality of service and

customer satisfaction. Our approach to management, recruitment, staff development and quality control are geared to ensure the delivery of outstanding services and products to our clients and do it on schedule, within budget and in response to the specific requirements of each contract.

### Process / Facilities Automation

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Lord and Company is involved in the installation and implementation of industrial automated controls and monitoring systems. The Industrial Automation group designs and installs Programmable Logic Controllers (PLC's) Systems, Distributed Control Systems (DCS) and Supervisory Control and Data Acquisition Systems (SCADA) and Ethernet networks for industrial facilities, such as water and wastewater treatment plants, chemical handling facilities, industrial waste treatment plants, de-ionized water plants, chip manufacturing clean rooms, material handling facilities and other manufacturing processes.

Our flexible and highly reliable control systems and networks can be integrated with systems such as GIS, CMMS/Asset Management, LIMS Systems, personnel card access systems, fire alarms and security, CCTV, paging systems, VOIP telephone systems, etc. to automate an entire facility or multiple facilities.



#### Lord and Company, Inc.

2100 Carolina Place Drive  
Fort Mill, SC 29708  
(803) 802-0060  
[www.lordandcompany.com](http://www.lordandcompany.com)

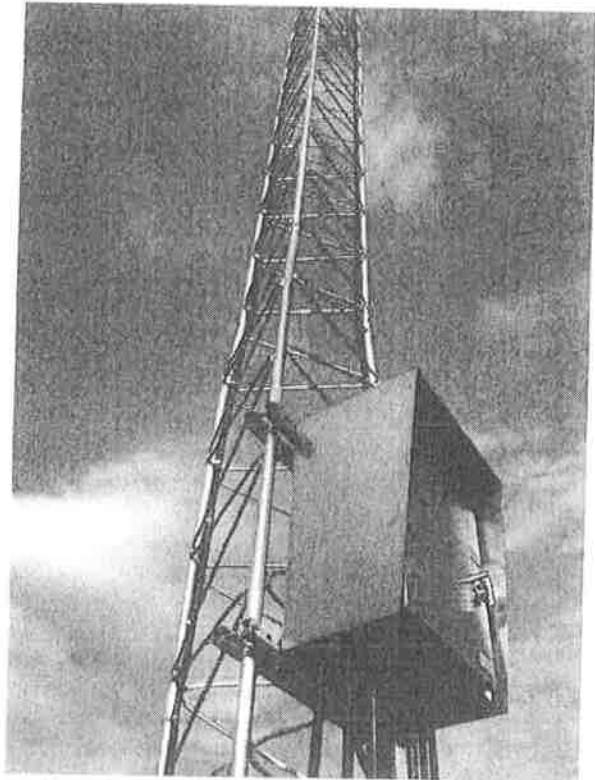
## RF (Wireless) Communications

Lord and Company is involved in the design, procurement, installation and maintenance of high-quality wireless systems. From basic radio to complex, multi-user wide networks, including SCADA systems, data collection systems and cellular broadband. Experience and expertise includes propagation prediction analysis (Radio Path Studies), RF Systems optimization, maintenance and technical and operational training.

## Team Approach to Every Project

Every project, no matter the size, is assigned a project manager and a project team is assembled with the expertise required for each element of the project.

The implementation of a new controls and SCADA System can have far reaching effects on operations, maintenance, management, and administration staff. Successful implementation of any new technology requires a high level of interactive participation by those that will incorporate the new technological into daily operations, maintenance and management decisions. Thus, it is important that the end-users be represented in the Team. L&C will involve the assigned owners' representative through design meetings and workshops. During our field investigations we will choose our core team from client recommended personnel and solicit input from these individuals. As the project progresses this core team will be asked to participate in the ongoing coordination meetings. Whether as a consultant or a system manufacturer, we become a part of your team focusing on the customers objectives.



## Full Staff of Engineers

Lord & Company currently employs a full staff of Engineers such as, a Professional Engineer (PE), Project Management Professionals (PMP), and **Seven (7) Engineers with Motorola ACE3600 formal programming training.** Each team is led by a team leader with years of experience.



## Related Experience

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If a customer has a standard or a brand of preference Lord & Company, Inc. will always meet the requirements. As a result, we do not represent any one manufacturer. However, we have used, and have an excellent relationship with manufacturers of the following hardware:

- Allen-Bradley
- Modicon
- GE
- Motorola
- Automation Direct
- Rosemount
- Siemens
- Hach
- Square D
- Danfoss
- Universal Towers
- Lakeside Equipment Corporation

and many others.

## System Integrator Program

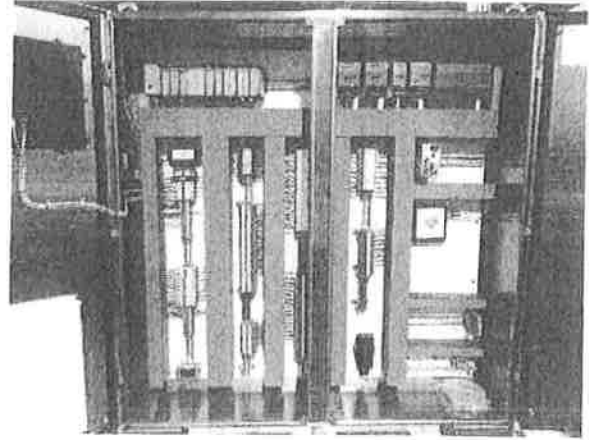
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Lord & Company is a System Integrator for the following HMI Process Control/SCADA Software and has standardized on VTScada for our SCADA Software Solutions:

- Trihedral VTSCADA
- Wonderware
- Rockwell Software
- Intellution
- Win-911
- SyTech XLReporter

**We have over 20 VTScada customers that we continue to upgrade and service routinely.**

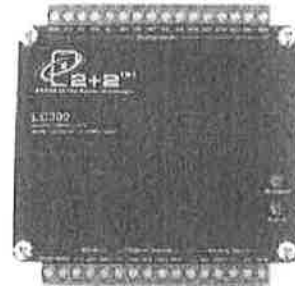
Lord & Company, Inc. strives to be the absolute best at what we do on every project. We are continuously looking for ways to improve and provide our customers the latest in technology. We are a Certified Member of CSIA and are serving on numerous Committees associated with our industry.



## Developed Products

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We have designed and developed a reliable, intelligent, industrial RTU called the DRACS-3100-RTU. Also, with this hardware we have leveraged decades of experience, talent and just a common sense approach to SCADA into a cost-effective reliable hosting solution. We use proven industrial grade hardware such as the DRACS-3100-RTU and redundant servers to provide our clients with long lasting, worry-free automation solutions. This approach takes care of never-ending computer hardware and software upgrades that are required to keep and maintain your SCADA system. Called the SMS SCADA hosting solution which utilizes VTScada as its HMI Software.



We also offer a compact cellular monitoring system called 2+2(s) for monitoring equipment that sends live data to a monitoring web site, providing real-time status and alarms.

## Customers of Automation Systems

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Just some of our clients for whom we have done projects with include:

- Bledsoe Wastewater Infrastructure Improvements Project—Bledsoe, TN

".... If you are wondering if you met your corporate goal of 'Starting and finishing with excellence', do not worry! You guys are great! The trip was more than I expected and provided the overall feeling that I don't have to worry about what our operators will get to manage this plant.

Not only did I get an overall understanding for this plant, I received info as to what we as a department need to have on all projects needing integration services. I learned a lot. "

Thomas Robinson—State of Tennessee— Speaking about the recent factory acceptance test held at L&C Fort Mill.

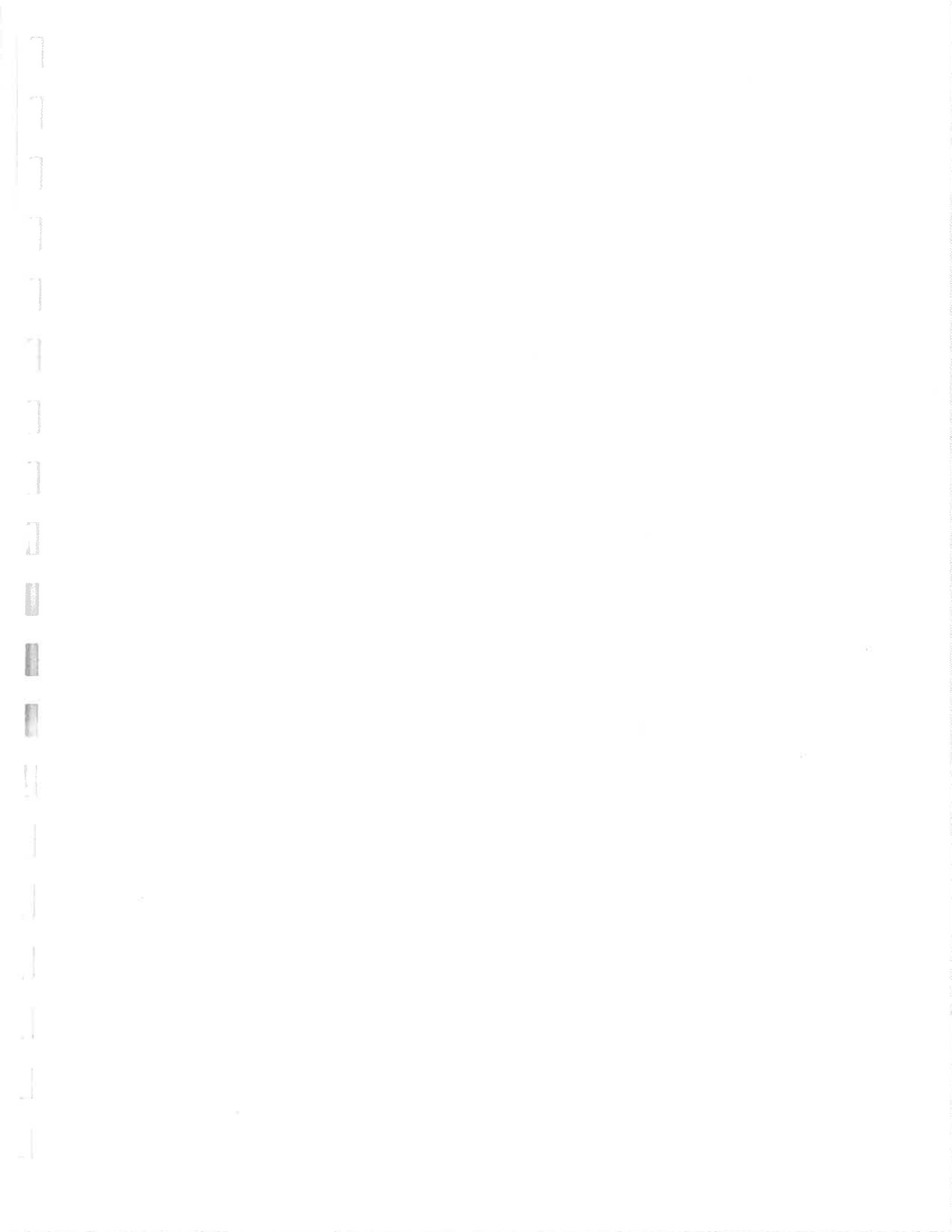
- York County Public Works  
David Hughes—Water & Waste Superintendent  
803-628-3211
- Stanly County, NC
- Duke Power
- Pery, FL
- Lakeside Equipment Corporation, Bartlett, IL
- Brunswick County, NC
- City of Dunn, NC
- City of Lenoir, NC
- Town of Winterville, NC
- Bessemer City, NC
- Cabarrus County, NC
- Carteret County, NC
- Town of Cary, NC
- Town of Colonial Beach, VA
- Cherry Point Marine Corp, Havelock, NC
- Town of China Grove, NC
- City of Elizabeth City, NC
- City of Greensboro, NC
- City of Jacksonville, NC
- Johnston County, NC
- City of Kannapolis, NC
- Town of Landis, NC
- City of New Bern, NC
- Town of Oak Island, NC
- Onslow County, NC
- Perdue Farms, Lewiston, NC
- City of Salisbury, NC

- Union County, NC
- Fire Department New York, NY, NY
- New York Police Department, NY, NY
- City of Chester, SC
- City of Columbia, SC
- Town of Fort Mill, SC
- City of Gaffney, SC
- Greenville Water System, Greenville, SC
- City of Lancaster, SC
- Marine Corp Air Station & Laurel Bay, Beaufort, SC
- Marine Corp Parris Island Recruit Depot
- Nestlé's Frozen Foods, Gaffney SC
- City of Newport News, VA
- Dept of Public Utilities, Orangeburg, SC
- Shaw Air Force Base, Sumter, SC
- Square D Manufacturing Plant, Seneca, SC
- Lockhart Power Company, Lockhart, SC
- Town of LaFollette, TN
- City of Oak Ridge, TN
- Fairfax County, Virginia
- Town of Luray, VA
- Loudon County, VA
- Martin Marietta Aggregates Plant, Doswell, VA
- Prince William County, VA
- Quantico Marine Corps, VA

## References

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<u>Customer</u>	<u>Contact</u>	<u>Phone #</u>
CDM-Smith	Scott Whitmore	407-660-6471
CDM-Smith	David Ubert	407-660-2552
Athens Utilities Board	Greg Hayes	423-745-4501
Smith Engineering	John Brooks	423-499-9532
Cannon & Cannon	Doug Unger	865-670-8555
AECOM	Tom Thain, P.E.	803-400-0012
CDM-Smith	Greg Czerniejewski	919-225-7972
Dibble & Pledger, P.A.	Ronald Pledger, P.E.	252-946-3320
J.L. Rogers & Callcott	David Scott	864-232-1556
Keck & Woods, Inc.	Eddie Williams, P.E.	678-417-4000
Keck & Woods, Inc.	Keith Costly	803-324-3192
Kenansville, NC	Richard Brown	910-296-7129
Marine Corp Air Station	Charles Philips	843-228-7515
McKim & Creed	Dan Cote, P.E.	727-442-7196
Orangeburg, SC	Hank Rutland	803-268-4421
Parris Island MCRD, SC	Rodney Small	843-228-8567
Rivers & Associates	Greg Churchill, P.E.	252-752-4135
Rivers & Associates	Blaine Humphrey	252-752-4135
Washington, NC City of	Adam Waters	252-975-9310
York County Water & Sewer	David Hughes	803-242-9974
York County Water & Sewer	Matt Glenn	803-242-3061
Jacksonville, N.C.	Ernie Gomez	910-938-6467
Brunswick County, N.C.	B.J. Heck	910-2532005
Brunswick County, N.C	Tommy Ellison	910-274-4899



## Section 3: Client Profiles

**Project Name:** City of Chattanooga Telemetry & SCADA Upgrades

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**Project Manager:** Hitesh Kataria  
**Project Value:** \$306,100.05  
**Contract Start Date:** 01/03/17  
**Project Engineer:** Team  
**Project Designer:** Team

**Contractor:** NABCO Electric  
**Point of Contact:** Curtis Jenkins (Project Manager)  
**Street Address:** 2800 2<sup>nd</sup> Avenue, Chattanooga, TN 37407  
**Phone:** (423)-624-0073  
**Alt. Phone:** (423)-593-1913  
**Fax:** (423)-624-8585  
**E-Mail:** CJenkins@nabcoelectric.com

**Client:** City of Chattanooga  
**Point of Contact:** Bonnie Mumpower  
**Title:** Project Engineer  
**Street Address:** 455 Moccasin Bend Road, Chattanooga, TN 37405  
**E-Mail:** bmumpower@chattanooga.gov

**Engineer:** Volkert, Inc  
**Point of Contact:** David N West  
**Title:** Project Manager  
**Street Address:** 1428 Chestnut Street, Suite 110 Chattanooga, TN 37402.  
**Phone:** (423)-842-3335  
**FAX:** (423)-842-8630  
**E-Mail:** chattanooga@volkert.com

### **Project Description:**

This project involves upgrading 95 remote RTU's (ACE3600) and 3 FIU's (Dual CPU, ACE 3600) and updating existing Wonderware Intouch 9.5, for the City of Chattanooga, Moccasin Bend Waste Water Treatment Plant. Lord and Company, Inc will only be performing the programming and onsite deployment of Applications. This project does not involve installing any equipment on site. Antenna equipment will be bought and shipped to NABCO Electric per contract. The Primary Communications will be over Direct Fiber connections between FIU and Remote Sites. The Backup link will be 3 Analog 800 MHZ Channel. Each FIU will communicate with its own set of sites, so the 95 Remote Pump Stations will be split into 3 groups to communicate with 3 Separate FIU's. This project will conclude with Two (2) days of training sessions will be provided for each of the four operation shifts. Training sessions would be scheduled so that each shift received training during day shifts.

### **Programming & Deployment Highlights:**

1. Software integration,
2. Porting old software to new RTUs,
3. Changing all raw I/O addresses to match the new RTUs
4. Program and configure all hardware to provide a CSO Override Button for each CSO site.
5. Reconfiguration of polling tables and interrupts.
6. Reprogramming of existing Wonderware to add an override button to each CSO screen.
7. Testing for proper operation with required plant personnel.
8. Integration of a dual FIU system in the Operations Center at MBWWTP.
9. Supply a new laptop for the Owner with Motorola STS installed.
10. Coordination services with Motorola Solutions installers to verify the new RTUs and FIUs communicate through the repeaters

**Project Name:** WTP Improvements, George L. Bernhardt Sr. WTP, Lenoir, NC

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**Project Manager:** Fred Chwalek, PMP                      **Project Value:** \$293,000.00  
**Project Engineer:** Team  
**Contract Start Date:** 02/17/17  
**To Present:** 05/17/18

**Contractor:** Frizzell Construction  
**Point of Contact:** Mark Jackson  
**Street Address:** 1501 Bluff City Hwy, Bristol TN 37620  
**Office Phone:** 457-764-5107

**Contractor:** T&B Contractors, Inc.  
**Point of Contact:** Ken Tolbert PM, Frank Whitt PM, Bruce Hawks, Nathan Blevins  
**Street Address:** 1029 Broad St., Bristol TN 37620  
**Office Phone:** 423-968-7315  
**Mobile Phone:** Ken Tolbert 615-336-8808, Bruce Hawks 423-968-5967, Nathan Blevins 423-968-5967

**Client:** City of Lenoir, NC  
**Point of Contact:** Kevin Matheson  
**Title:** Superintendent  
**Street Address:** 5474 Waterworks Rd., Sawmills NC 28630  
**Phone:** 828-757-4460  
**E-Mail:** kmatheson@ci.lenoir.nc.us

**Engineer:** McGill Associates  
**Point of Contact:** Nicholas C. Huffman / Curtis Baker (Site Inspector)  
**Title:** P.E.  
**Street Address:** 1240 19<sup>th</sup> Street, Lane NW Hickory, NC 28601  
**Phone:** 828-328-2024 / Curtis - 828-328-2024

**Project Description:** The purpose of the project was to replace an outdated iFix SCADA system with the latest technology by using **VTSCADA** Software for Monitoring and Control, on a Dell Computer Workstation / Server hardware platform. In addition, new Siemens Ultrasonic Level Transducers were provided to monitor the level in chemical tanks and three new Modicon PLC control panels were built and installed to monitor and control the plant raw water booster pumps, chemical building, and filter building. New Dell computers running the **VTSCADA** software were installed in the water plant control room and Superintendents office, and a large flat screen monitor connected to the SCADA system was installed in the water plant lab. The new SCADA system was also connected to an existing network of eleven (11) Data Flow RTU's monitoring remote water tank and booster pump stations via an analog licensed radio network. The new **VTSCADA** software system was configured to send out voice and email alarm notifications to water plant staff, and to log data to be used for historical trending and report generation. The field instrumentation was commissioned and calibrated by Lord & Co. Field Service Engineers. The control panels were manufactured by Lord & Co. in their UL sanctioned shop in Fort Mill, SC.





**Project Name:** Water Distribution System Improvements, Winterville, NC

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**Project Manager:** Fred Chwalek **Project Value:** \$208,000.00  
**Project Engineer:** Team  
**Contract Start Date:** 09/13/15  
**Contract End Date:** 03/13/16

**Client:** Step Construction  
**Point of Contact:** Michael Tarrant  
**Title:** Project Manager  
**Street Address:** 3423 Brothers Rd., LaGrange, NC 28551  
**Phone:** 252-566-2182

**Engineer:** The Wooten Company  
**Point of Contact:** Slade Harvin, PE, LEED AP  
**Title:** Project Manager  
**Street Address:** 1438 B Old Lenoir Road NW, Hickory NC 28601  
**Phone:** 828-322-5533  
**E-Mail:** sharvin@thewootencompany.com

**Project Description:** The SCADA system's major components include Allen-Bradley MicroLogix 1400 PLC-based RTU's. One RTU is located at the Winterville Elevated Tank site, two RTU's are located at Winterville Well Site #3 and #4 respectively, an RTU operated by Winterville is located at the Corey Road Chemical Building, an RTU operated by Greenville Utilities Commission (GUC) is located at the Corey Road Chemical Building, and an RTU is located at the Winterville Public Works building. The Elevated Tank site serves as the central location of the GE/MDS radio system and Master RTU, and it communicates with the four (4) remote sites. A panel was provided at the Chemical Feed Building to interface with Greenville Utilities Commission (GUC) SCADA system, to allow GUC to monitor and control their existing valve(s) and to monitor and control the new Winterville valve(s), and for Winterville to monitor existing GUC valve status, and to control their own new valve. The Master RTU communicates over radio to the Winterville Public Works Operation Building Office, through which all input/output signals are routed to a **VTScada**, PC-based SCADA System. An important feature of the installation is that GUC and Winterville can monitor the status of each other's SCADA system as it relates the new hardware installed by Lord & Company. The status of the two (2) GUC valve and meter vaults is communicated to Winterville's SCADA system through a fiber optic connection and allows Winterville to monitor both of GUC's system connections through a hardwired MODBUS link at the new meter vault. Two added benefits of the system are the Belden/Hirschmann Industrial HiVision Network Management Software which allows Winterville to remotely manage up to 25 network nodes, and the eRPortal CMMS Suite Asset Management Suite for Water/Wastewater software that integrates preventive maintenance work-order scheduling with the **VTScada** SCADA software monitoring and control functions.

**Project Name:** SCADA Additlons & Improvements, York County, SC

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**Project Manager:** Tom Carico, PMP      **Total Value:** \$1,000,000.00  
**Project Engineer:** Team  
**Contract Start Date:** 2002  
**To Present:** 2018

**Contractor:** Lord & Company, Inc. (Direct Contract)

**Client:** York County, SC  
**Point of Contact:** David Hughes  
**Title:** Manager  
**Street Address:** 220 Public Works Rd.; York SC 29745  
**Phone:** 803-684-8520  
**E-Mail:** david.hughes@yorkcountygov.com

**Engineer:** York County, SC

**Project Description:** Lord & Company has developed a long-lasting business relationship in our backyard with York County, South Carolina. We have been working with and supporting York County since 2002. Our first project with them we supplied their first HMI SCADA System with twenty (20) new Allen-Bradley RTU's to monitor various Water and Sewage Pump Stations and Elevated Tanks. Since then we have provided upgrades and additions on a regular basis. L&C has been providing and maintaining the county-wide SCADA system for the past 20 years. The system has grown and expanded as more customers have moved into the area. The system has grown into a large system today consisting of the following:

- 400 MHz Licensed Radio System – 28 Sites
- 900 MHz Licensed Radio System – 20 Sites
- 800 MHz Motorola Trunking System – 14 Sites
- Rockwell HMI SCADA
- Instrumentation & Controls

The total value of the projects is in excess of 1 million dollars. Lord & Company also has a Master Service Agreement with York County for the past 10 years for all their Instrumentation & Controls as well as their SCADA System. Lord & Company has designed and developed a **Motorola ACE3600 DRACS-RTU** product specifically for York County in an effort to provide consistent proven hardware. Lord & Company is proud to have and maintain York County, SC as a client for more than 20 years and enjoys working with their maintenance staff from new projects to troubleshooting. We have been asked to assist Consultant Engineering firms with designs and input on new projects. Happy customers are always our goal but we are especially proud of the long-term relationship and trust that we have developed with this client.

**Project Name:** Newport News, VA Public Works Master Automation Project

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**Project Manager:** Fred Chwalek      **Contract Value:** \$4,213,415.00  
**Field Service Engineers:** Warren Landis & Paul Wilson  
**Contact Start Date:** 2/8/2013  
**Contract Completion Date:** 5/6/2016

**Owner Name:** Newport News Public Works  
**Address:** 513 Oyster Point Rd, Newport News, VA 23602  
**Contact Person:** James Young  
**Telephone Number:** Office: 757-269-2700, Mobile: 757-592-7588

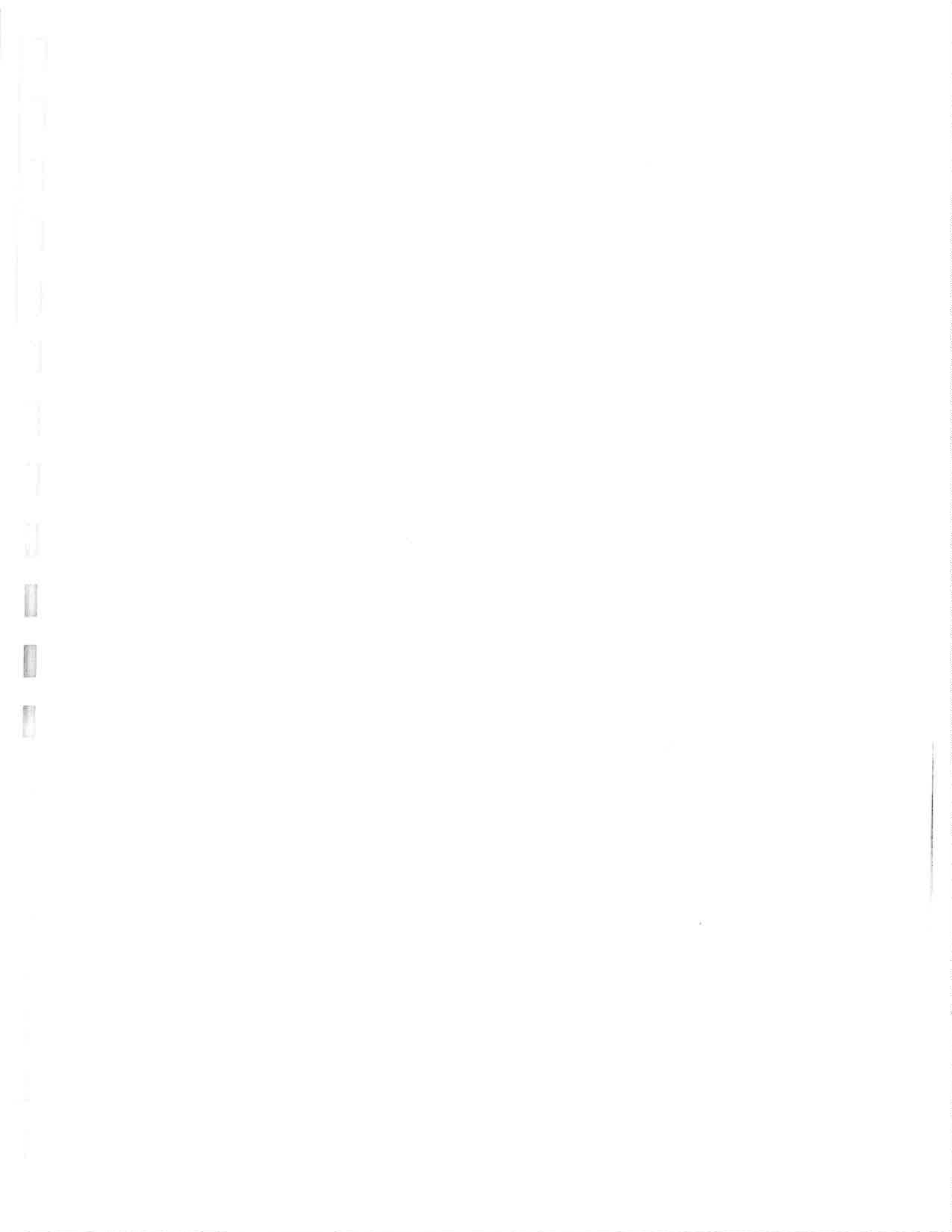
**Engineer Name:** City of Newport News Dept. of Engineering  
**Address:** 2400 Washington Ave., 8th Floor Newport News, VA 23607  
**Contact Person:** Vincent Urbano  
**Telephone Number:** Office: 757-926-8611, Mobile: 757-926-8694

**Project Description:** Redundant SCADA Servers, HMI and **SQL Historian Database**, HMI clients, Complete Pump Station Control Systems and SCADA with local and remote data logging for 160 sewage pump stations utilizing **Motorola ACE3600 RTU's/PLC's, 2 Motorola ACE3600 FEP's (a.k.a. FIU and or Master PLC)**.

**Description of Instrumentation and Control Hardware provided:** Instrumentation: Flow meters, discharge pressure, wetwell levels, fuel tank levels, rain gauges, wetwell level switches. Complete Pump Station Control Systems for all stations from small duplex to large 4 pumps with VFD's and backup controls.

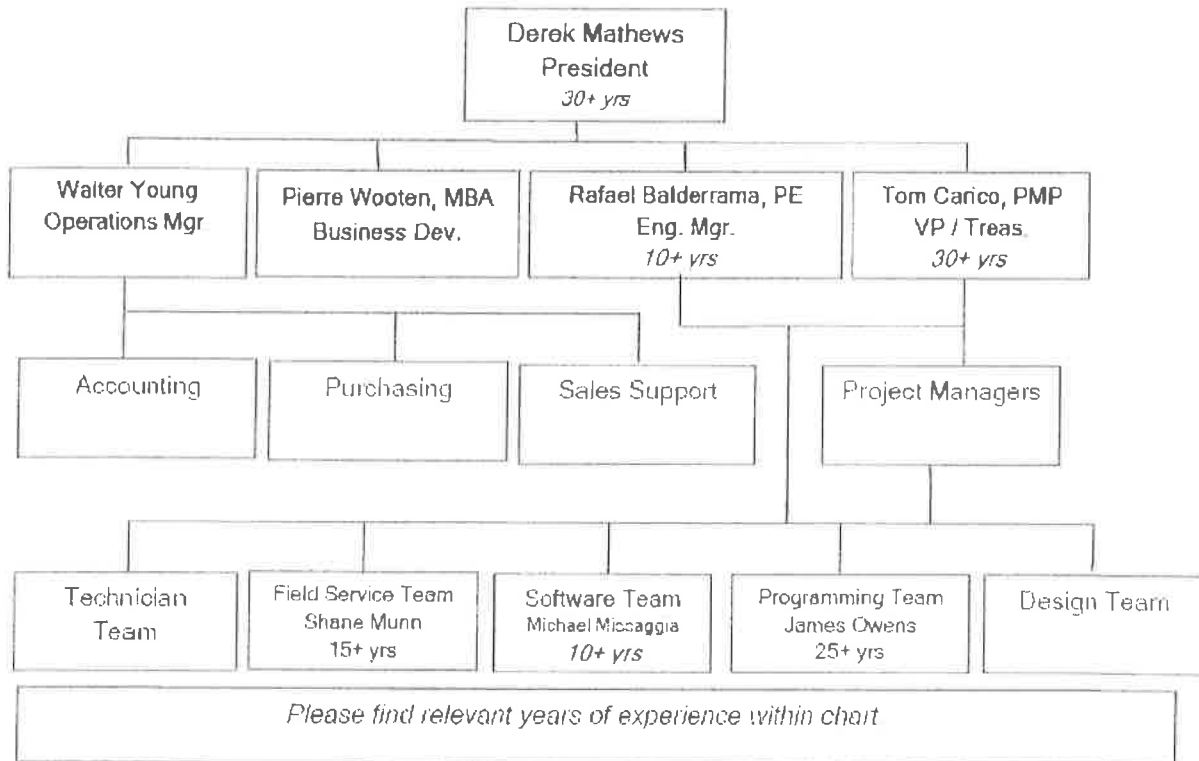
**Description of Software Installed and Programmed:** Redundant Wonderware Archestra Ver. 12.5 System Platform HMI and **SQL Historian Database** on redundant Dell PowerEdge SCADA Servers with secure VPN connectivity for tablets and smart phones, Win911 Alarm notification software with Hot Standby. Data integration into CAPE3 Hydrologic modeling software, Maintenance Asset Management software, and report generation.

**Description of Communication Network:** 160 Sierra Wireless AirLink cellular network adapters utilized for M2M IP based Ethernet connectivity with redundant 800MHz Radios, P25 Digital Trunk System cations. All communications from local Operator Interface, PLC and the cellular modems is Ethernet. All pump station data is stored locally at the PS and transmitted to the SCADA based on report by exception for desired parameters, status and alarms.



## Section 4: Team Member Qualifications

### Organization Chart



#### How Project will be successfully managed

Every project, no matter the size, is assigned a project manager and a project team is assembled with the expertise required for each element of the project. The implementation of a new controls and SCADA System can have far reaching effects on operations, maintenance, management, and administration staff. Successful implementation of any new technology requires a high level of interactive participation by those that will incorporate the new technological into daily operations, maintenance and management decisions. Thus, it is important that the end-users be represented in the Team. L&C recommended team for the City of Chattanooga is as follows:

#### Tom Carico, PMP (Fort Mill, SC) - Senior Project Manager (23 yrs. with Lord & Company)

**Experience** - Tom began his technical career in the RF Communication industry in June, 1986 at ProComm, Inc. in Blacksburg, VA. He added Instrumentation & Controls for the water and wastewater industry to his career choice in October, 1986. Since then he has held positions as Field Service Engineer, Project Engineer and Project Manager. His performance in each role has been exceptional with the highest level of customer and employee satisfaction which insured his advancement. His experience reaches to all aspects of Automation for Water & Wastewater with an understanding of the process from the nuts and bolts of the process equipment to the most advanced SCADA Systems and Instrumentation. His in-depth experience in the many different processes, all types of PLC's, HMI's, Instrumentation and communication media including RF makes him invaluable to any W&WW client.

**Education** - Surry Community College; Dobson, North Carolina, Associate in Applied Science Degree in Electronics Engineering Technology

**Additional Training / Skills** - G. E. Fanuc, Advanced PLC Programming Course, Square-D, Sy/Max Advanced PLC Programming Course, Square-D, Powerlogic programming Course, STI Magnetrol, Flow and Level Process Control Course, RSView32, MMI Automation and Control Course, The Foxboro Company, Mech. And Pneumatic Instrumentation Course, Wonderware InTouch, MMI Package, Allen-Bradley PLC programming, Modicon, PLC programming, Intellution FIX 32, Distributed Automation and Control software

**Rafael Balderrama, P.E. (Fort Mill, SC) - Engineering Manager (14 yrs. with Lord & Company)**

**Experience** - Over 10 years of experience in the Instrumentation and Controls in the Municipal and Industrial markets. In 2010 he has been assigned as Software Team leader in the company, responsible for coordinating the group of engineers dedicated to Software development, templates and proper documentation, system quality control and implementation of good practices in SCADA systems. Rafael has specialized experience in PLC & SCADA systems. Startup, troubleshooting and tuning of PID controllers, microprocessor-based instruments. He has designed projects from small to medium size SCADA systems. Promoted to Engineer Manager position on September 2016

**Education** - Universidad Central de Venezuela, Caracas, Venezuela, Master of Science in Mechanical Engineering, Universidad Central de Venezuela, Caracas, Venezuela, Bachelor in Mechanical Engineer

Licensing Professional Engineer, South Carolina since 01/05/2011

**Additional Training/Skills** - FactoryTalk View SE programming HMI software, Citect, Distributed automation and control software, Wonderware, Distributed automation and control software, Proficy iFIX 5.0, Distributed automation and control software, Modicon Compact 984, Momentum & Quantum PLC Programming, Allen-Bradley RS Logix 5000 PLC programming, Motorola Moscad and ACE 3600 programming, AutoCAD, Reporting Software XLReporter, Wonderware Historian.

**James M Owens (Fort Mill, SC) - Project Engineer (16 yrs. with Lord & Company)**

**Experience** - James has 28 years of experience in the Instrumentation and Controls, PLC's and HMI's in the Municipal Water & Wastewater, Utilities and Industrial Manufacturing markets. James has specialized experience in instrumentation, process controls, motor controls, PLC's, SCADA Systems, radio & fiber optics communications, plant networks, HMI software, tuning of PID loops, and associated hardware and software. He has designed and implemented hundreds of projects with values up to \$4.5M.

**Education** - Virginia Tech; Blacksburg, Virginia, BS, Electrical Engineering. Successfully passed the Engineering Fundamentals exam to earn the Engineer-In-Training designation in 1990.

**Additional Training / Skills** - Allen-Bradley SLC 500 PLC programming Course, SYMAX PLC & Communication, Modicon Advanced Programming, Modicon PLC Advanced Programming Concept, Square D Adjustable Frequency Drives Training, Telemelanique PLC Programming, Video Look Advanced Configuration, Drive/Motor Training, Intellution iFIX 32, Distributed automation and control software, RS View 32, MMI automation and control software, Allen-Bradley SLC 500 PLC programming, G.E. Fanuc 90-30 PLC programming, Microsoft products, Wonderware MMI Automation & Control Software

**Michael Missaggia (Fort Mill, SC) - Back-up PLC & HMI Programmer (13 yrs. with Lord & Company)**

**Experience** - Michael has over seven years of experience in Network Engineering including design, deployment, and maintenance of enterprise IP networks. Experience with Ethernet and Token Ring. Michael has worked extensively with Ethernet routing, switching, firewalls, and VPN's as well as bridging token ring networks into existing Ethernet environments. Michael also has experience in bandwidth shaping, load balancing, and compression for packet reduction and improved efficiency across Wide Area Networks. Network support including architectural network design and implementation, outage support, remote access, and network management. Experience with enterprise routers, load balancers, firewalls, switches, passports, data compression, VPN (IPSEC and SSL), and DNS/DHCP.

**Education** - Bachelor of Science: Electrical Engineering (Computer Engineering Concentration), Minor in Computer Science (The University of Alabama, Tuscaloosa, Alabama, Graduated: May 2002)

**Additional Training / Skills** - Allen-Bradley RS Logix 5000 PLC programming, Allen-Bradley RS Logix 500 PLC programming, Allen-Bradley SLC 500 PLC programming, FactoryTalk View SE programming HMI software, RS View 32, MMI automation and control software, DNP3 Communication protocol, Trihedral VTSCADA HMI - Level 2 Training, Intellution iFix, Distributed automation and control software, Wonderware Automation & Control Software, Wonderware Historian, SQL Server 2000 and above, SyTech XL Reporter, Win-911

**Shane Munn (Fort Mill, SC) - Field Service Manager**

**Experience-** Over 17 years of experience with Instrumentation and Controls in varied municipal and industrial markets. He has experience with the installation, startup, and troubleshooting of a variety of control systems and mechanical machinery. He also has a background in integrating new hardware into existing control systems and computer networks. Working and coordinating with customers, contractors and operators to complete projects to the satisfaction of all parties.

**Education -** Shawnee State University

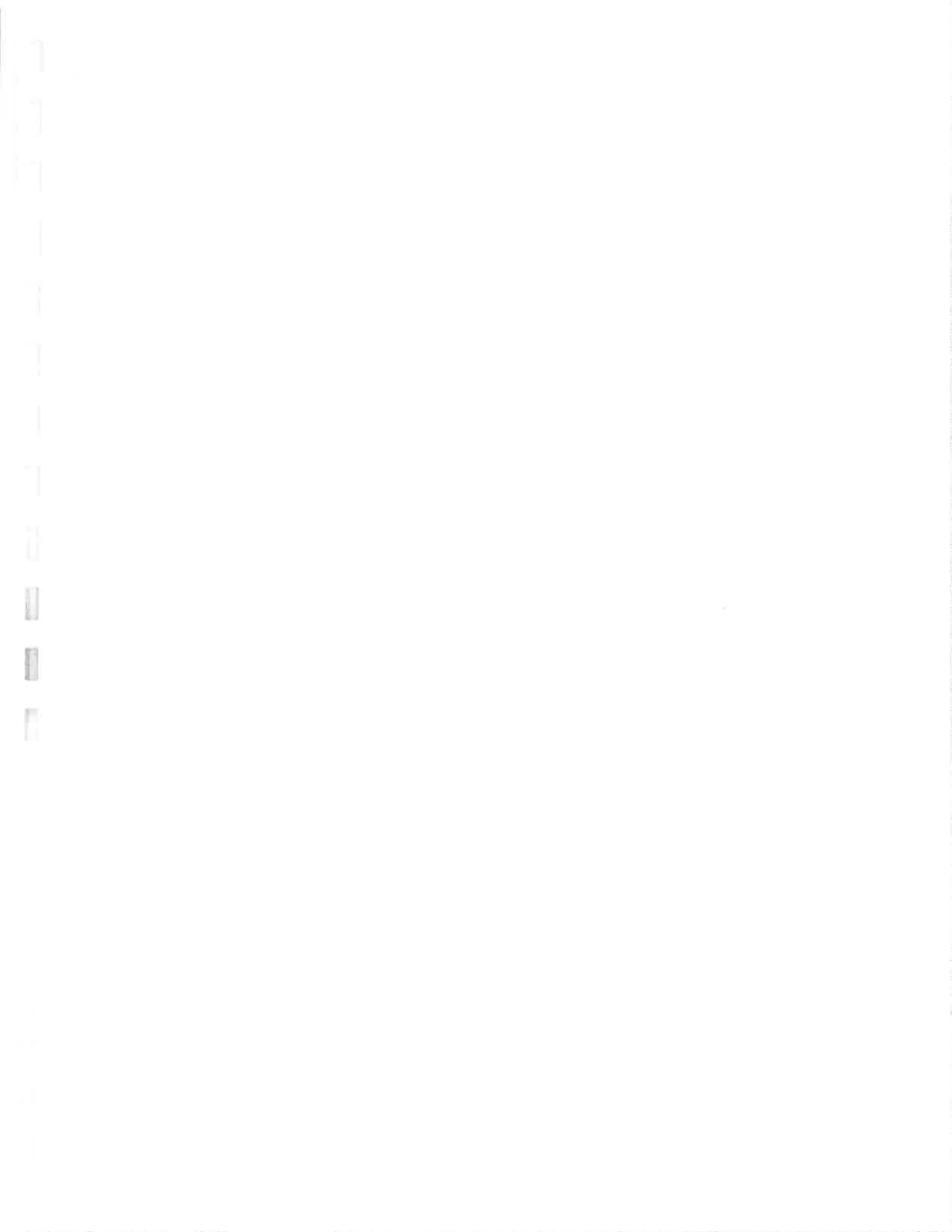
**Experience -** Field Service Engineer Team Leader (6 years): Providing startup and troubleshooting of very large Multi-Million-dollar systems to small systems that included PLC programming, HMI SCADA, Instrument Calibration and Training. **Additional Training / Skills** – Allen-Bradley programming (ControlLogix, CompactLogix, MicroLogix, SLC500, and PLC5), Motorola MOSCAD Programming, HMI SCADA, Rockwell, Wonderware, Intellution, VFD Drives, VT SCADA, Wonderware and Intellution SCADA Software Packages and Dan Foss VFD Drives, PID Loop Controllers (UDC3300, UDC5000), Networking – router setup, IP configuration, wiring. AutoCAD

**QA/QC methods**

Lord & Company understands the importance of maintaining communications. Our communications will be streamlined through our assigned experienced Project manager. We will document our services with detailed service report and provide them weekly to the City. You are also welcome to call anytime with questions. We will also provide follow-up phone calls and emails to eliminate any confusion. Most importantly, we will listen and implement your request promptly, share our expertise on decisions to support the City's vision.

Lord & Company is a huge advocate of not only communication, but testing in the following as a method of QA/QC: factory, field, start up, field testing and demonstration to mitigate risk.





## Section 5: Bid Solicitation

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# BID SOLICITATION



**City of Chattanooga**  
 101 East 11th Street, Suite G13  
 Chattanooga, TN 37402

<b>BID OPENING DATE AND TIME:</b> 16-JAN-20 at 2:00 PM  <b>BID NUMBER: 305729</b>
<b>BUYER:</b> PHONE #: (423) 643-7230 <b>DELIVERY REQUIRED:</b>

**SEALED BIDS**

Mail or submit two (2) signed copies of this form to this office in the enclosed envelope. Retain one copy for your file.

<b>V E N D O R</b>	RFQ
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<b>M A I L T O</b>	City of Chattanooga 101 East 11th Street, Suite G13 Chattanooga, TN 37402
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Item	Class-Item	Quantity	Unit	Unit Price	Total
**** NOTE **** PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION Company Name <u>Lord &amp; Company, Inc.</u> Address <u>2100 Carolina Place Drive</u> <u>Fort Mill, SC 29708</u> Phone/Toll-Free No. <u>803-802-0060</u> Fax No. <u>803-802-0070</u> eMail Address <u>dmathews@lordandcompany.com</u> Contact Person's Name <u>Derek Mathews - President</u> Estimated Delivery <u>Immediate</u> Minority-Owned Business _____ Small Business <input checked="" type="checkbox"/> Veteran _____ Minority Woman-Owned Business _____ Disabled Veteran _____ Woman-Owned Business _____ **** ALL ITEMS MUST BE QUOTED F O.B. DESTINATION ****					

**NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS**

The City Is Exempt from all Federal and State Tax.  
 Bids will be received at the above mentioned address.

TERMS OF PAYMENT: Net 30  
 TELEPHONE NUMBER: 803-802-0060

ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein.

COMPANY: Lord & Company, Inc.  
 SIGNATURE:   
 NAME AND TITLE: Derek Mathews - President

# BID SOLICITATION



City of Chattanooga  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>BID OPENING DATE AND TIME:</b> 16-JAN-20 at 2:00 PM
<b>BID NUMBER:</b> 305729
<b>BUYER:</b> <b>PHONE #:</b> (423) 643-7230 <b>DELIVERY REQUIRED:</b>

**SEALED BIDS**

Mail or submit two (2) signed copies of bid form to this office in the enclosed envelope. Retain one copy for your file.

<b>V E N D O R</b>	RFQ
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<b>M A I L I N G</b>	City of Chattanooga 101 East 11th Street, Suite G13 Chattanooga, TN 37402
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Item	Class-Item	Quantity	Unit	Unit Price	Total
1	SCADA Technician - Regular hours	2500	Hour	\$158.00	\$395,000.00
2	SCADA Technician - Overtime hours	210	Hour	\$158.00	\$33,180.00
3	Parts and materials <u>10%</u> markup	1	Each	<u>1.1</u>	<u>1.1</u>
4	OIT/IT/Security - Monthly Monitoring & Management	12	Each	\$120.00	\$1,440.00

**NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS**

The City is Exempt from all Federal and State Tax.  
Bids will be received at the above mentioned address

TERMS OF PAYMENT Net 30

TELEPHONE NUMBER 803-802-0060

ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein

COMPANY: Lord & Company, Inc

SIGNATURE: *Derek Mathews*

NAME AND TITLE: Derek Mathews - President

## Affirmative Action Plan

The City of Chattanooga is an equal opportunity employer and during the performance of this Contract, the Contractor agrees to abide by the equal opportunity goals of the City of Chattanooga as follows:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and the employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. 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 forms of compensation, and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. During the term of this contract the following non-discriminatory hiring practices shall be employed to provide employment opportunities for minorities and women:
  - a. All help wanted ads placed in newspapers or other publications shall contain the phrase "Equal Employment Opportunity Employer."
  - b. Seek and maintain contracts with minority groups and human relations organizations as available.

- c. Encourage present employees to refer qualified minority group and female applicants for employment opportunities
  - d. Use only recruitment sources which state in writing that they practice equal opportunity. Advise all recruitment sources that qualified minority group members and women will be sought for consideration for all positions when vacancies occur.
5. Minority statistics are subject to audit by City of Chattanooga staff or other governmental agency.
6. The Contractor agrees to notify the City of Chattanooga of any claim or investigation by State or Federal agencies as to discrimination.



(Signature of Contractor)

**Derek Mathews - President Lord & Company, Inc.**


(Title and Name of Company)

**1/15/2020**

(Date)

Chapter No. 817 (HB0261/SB0377).  
"Iran Divestment Act" enacted.  
Vendor Disclosure and Acknowledgement

By submission of this bid, each proposer and each person signing on behalf of any proposer certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each proposer is not on the list created pursuant to § 12-12-106.

(SIGNED)   
(PRINTED NAME) Derek Mathews - President  
(BUSINESS NAME) Lord & Company, Inc.  
(DATE) 1/15/2020

No Contact/No Advocacy

Notice Receipt

City of Chattanooga  
Purchasing Division

**For Submission with Quote Responses:**

Derek Mathews - President (Vendor Agent name), states that:

(1) He/She is the owner, partner, officer, representative, or agent of \_\_\_\_\_

Lord & Company, Inc. (Business name), the Submitter of the

attached sealed solicitation response to Solicitation # 305729, and said

Business has taken notice, and will abide by the following No Contact and No Advocacy clauses:

**NO CONTACT POLICY:** After the posting of this solicitation, a potential submitter is prohibited from directly or indirectly contacting any City of Chattanooga representative concerning the subject matter of this solicitation, unless such contact is made with the Purchasing Division.

**NO ADVOCATING POLICY:** To ensure the integrity of the review and evaluation process, companies and/or individuals submitting sealed solicitation responses, as well as those persons and/or companies formally/informally representing such submitters, may not directly or indirectly lobby or advocate to any City of Chattanooga representative.

**Any business entity and/or individual that does not comply with the No Contact and No Advocating policies may be subject to the rejection or disqualification of its solicitation response from consideration.**

Submitter Signature:



Printed Name:

Derek Mathews

Title: President

Date: 1/15/2020



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**Section 6: Addendum Acknowledgements**

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**ADDENDUM NO. I**

BID NUMBER: 305729

BID TITLE: SCADA System & Operational Technology Network Support

DEPARTMENT: Waste Resources Division

DATE OF ADDENDUM: January 7, 2020

BID DUE DATE: January 16, 2020

ORIGINAL BID DUE TIME: 2:00 p.m., e.s.t.

**REASON: Additional Line Added / Revision in Specifications:**

Additional line to be included with the bid, updated specifications attached.

**THIS DOCUMENT MUST BE RETURNED TO THE PURCHASING DEPARTMENT IN A SEALED ENVELOPE**

Line	Item	Quantity	Unit	Unit Price	Total
4	OT/IT/Security - Monthly Monitoring and Management	12	Each	<u>\$120.00</u>	<u>\$1,440.00</u>

**Specification Changes:**

Removed CSIA certification requirement, section 1.3 Submittals with Bid

**Added:**

**1.1 Scope of work**

bb) Provide 24/7 Remote Monitoring of Operator Workstations, firewalls, and critical OT/IT network infrastructure

**1.2 Experience**

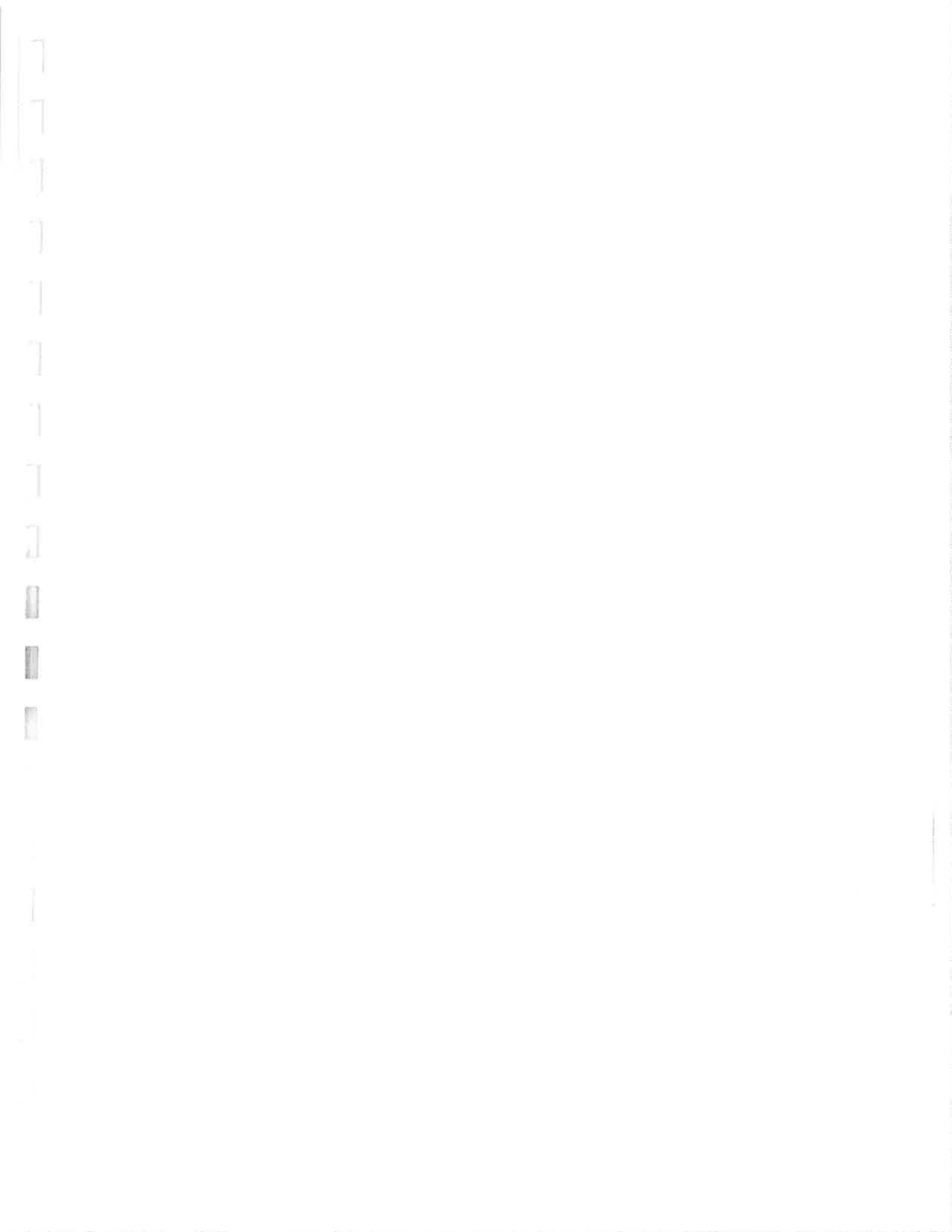
k) 24/7 local helpdesk with ability to provide onsite emergency assistance.

(SIGNED):  (DATE): 1/13/2020

(COMPANY): Lord & Company, Inc.

**Sign one (1) copy of this page and return it with your bid, or separately and clearly labelled only if your bid has already been submitted to the Purchasing Department. Mail to Purchasing Dept., Attn: A Berkowitz, 101 E. 11th Street, Suite G-13, Chattanooga, TN 37402**

**Retain a copy for your file.**



## Section 7: Certifications

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# VTSccada

Software for Monitoring & Control

Certified

Advanced Integrator

Lord & Company, Inc.

October 20, 2016

Date



Patrick Cooke - Director of Marketing



**Trihexera**

Presents this  
Certificate of Accomplishment  
To

*Joseph B. ...*

For Successfully Completing VTScada  
Advanced Configuration & Scripting

December 8 - 11, 2014

*[Signature]*  
PRESIDENT  
*[Signature]*  
INSTRUCTOR

**VTScada**  
Software for Monitoring & Control

# Trihedral

Presents this  
Certificate of Accomplishment



To

*Michael Miaggia*

For Successfully Completing VTScada  
Advanced Configuration & Scripting

October 17 - 20, 2016



  
President  
  
Instructor

**VTScada**  
Sponsor for Monitoring & Control





## Lord & Company, Inc.

has been audited and conforms to all requirements necessary to be a  
**CSIA Certified Member**

*The certification audit covers the following business and management categories:*

- General Management
- Human Resources Management
- Marketing, Business Development and Sales Management
- Financial Management
- Project Management
- System Development Lifecycle
- Supporting Activities
- Quality Management
- Service and Support
- Information Systems Management and Cyber Security

<b>Date of Certification:</b>	<b>November 21, 2019</b>
<b>Date of Expiration:</b>	<b>November 21, 2022</b>
<b>Certified Member Since:</b>	<b>December 7, 2007</b>
<b>CSIA Member Since:</b>	<b>June 10, 2005</b>



# City of Chattanooga

Mayor Andy Berke

January 30, 2020

Mr. Justin Holland  
Administrator, Public Works Department  
1250 Market Street, Suite 2100  
Chattanooga, TN 37402

**Subject: Contract Renewal of Blanket PO No. 541758 Vehicle Oils, Lubricants & Fluids – Fleet Management Division, Public Works.**

Dear Mr. Holland:

Council approval is recommended to extend Blanket PO No. 541758 for Vehicle Oils, Lubricants & Fluids, Fleet Management Division, Public Works. The City of Chattanooga is extending for two (2) months to give the Fleet Management Division time to update information for bidding, for an estimated amount of \$26,000. A copy of the contract is enclosed.

The original invitation to bid was sent out to fourteen (14) vendors as well as formally advertised. Bids were received from four (4) vendors. Bids are retained on file in the Purchasing Office for your review upon request.

I recommend extending Blanket PO No. 541758 for Vehicle Oils, Lubricants & Fluids to Hunter Oil Company, Inc., 2009 S. Highland Park Ave., Chattanooga, TN 37404.

Respectfully yours,

A handwritten signature in blue ink that reads "Vickie Haley".

Vickie Haley  
Interim Director of Purchasing

VH/ab

Attachments

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360
	Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404

PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate
--

Purchase Order Number <b>541758</b>
INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.

<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
--	--

Requestor		Requisition Number		Bid Number	
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
Requisition / Bid No.: 144175 / 304496 Ordering Dept.: Fleet Management Buyer: Mark McKeel Phone No.: 423-643-7236 Items Being Purchased: Vehicle Oils, Lubricants & Fluids ATTACHMENTS: City of Chattanooga (COC) Terms and Conditions posted on Website <a href="http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions">http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions</a> If you can't download call buyer for a copy. This Shall Be A Twelve (12) Month Blanket Contract To Supply Oils, Lubricants and Fluids to Fleet Management and Other Departments within the City of Chattanooga. The Contract Term May Be Renewed For An Additional Two (2) Twelve (12) Month Term Under The Same Terms And Conditions By Mutual Agreement. The City Of Chattanooga And The Contractor May Bilaterally Extend The Contract By Providing Written Confirmation Of Agreement By Both Parties At Least 30 Days Prior To The Contract's Current Expiration Date Into Any Successive Term As Provided Herein. **** Vendor Shall Hold Prices Firm for First (1st) Year of Contract **** Price Escalation Clause: If as a result of a general change in prices or discounts, the Contractor has changed prices to all of its customers, the price under this contract may be adjusted accordingly. Contractor may be requested to show proof of alleged price changes prior to approval of any price adjustments. *** Please Note: If there is a product change in the product, please notify Fleet Management for approval. If there is a change in the way product is sold, please notify Fleet Management and Purchasing for approval					

\*\*\*\*\* NOTICE \*\*\*\*\*

This Purchase Order ("Agreement") is a binding agreement between the City of Chattanooga and the Vendor. This Purchase Order shall be governed by the following documents: (1) Purchase Order; (2) City of Chattanooga Purchase Order Standard Terms and Conditions; (3) Vendor's response to the bid or quotation; and (4) terms and conditions set forth in the bid or quotation, each of which is hereby incorporated herein by reference and becomes a part of this Agreement. In the event any conflict of terms arises, the terms controlling the Agreement shall be in the order provided hereinabove. This Purchase Order is valid only when signed or electronically approved by the Finance Officer.

Electronic approval is on record in the purchasing information system which asserts that unencumbered appropriation is available to meet the expenditure covered by this Purchase Order; and further authorizes payment upon proper certification of receipt of goods and/or services.

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360  Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404
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PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number 541758</b>  INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
--	--

Requestor		Requisition Number		Bid Number	
<b>Line Nbr</b>	<b>Item ID - Item Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT. ATTACHMENTS: * Purchase Order issued in accordance with Hunter Oil Company bid received on December 14, 2016 is hereby made part of this contract. * City Council approved on January 10, 2017. * Contract dates: January 18, 2017 to January 17, 2018 * Vendor Contact: Charlie Hunter Toll Free No.: 800-607-4066 Fax No.: 423-622-0121 E-mail: charliehunter@hunteroil.net * * * The undersigned hereby agrees to perform the services in accordance with the terms and conditions as set forth in this Purchase Order, the City of Chattanooga Standard Terms & Conditions, and the bid or quotation.  Representative: _____ Agreed to and accepted by:  Title: _____ CITY OF CHATTANOOGA, TENNESSEE  Date: _____ Name/Title: _____  Department: _____					

\*\*\*\*\* NOTICE \*\*\*\*\*

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# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360  Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404
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PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number <b>541758</b>  INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
--	--

Requestor		Requisition Number		Bid Number	
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
Change Order #1					
..... Contract has been extended an additional twelve (12) months. New contract performance date is Janaury 17, 2019. ..... City Council approved contract renewal on December 12, 2017. ..... 1st Renewal					

\*\*\*\*\* NOTICE \*\*\*\*\*

This Purchase Order ("Agreement") is a binding agreement between the City of Chattanooga and the Vendor. This Purchase Order shall be governed by the following documents: (1) Purchase Order; (2) City of Chattanooga Purchase Order Standard Terms and Conditions; (3) Vendor's response to the bid or quotation; and (4) terms and conditions set forth in the bid or quotation, each of which is hereby incorporated herein by reference and becomes a part of this Agreement. In the event any conflict of terms arises, the terms controlling the Agreement shall be in the order provided hereinabove. This Purchase Order is valid only when signed or electronically approved by the Finance Officer.

Electronic approval is on record in the purchasing information system which asserts that unencumbered appropriation is available to meet the expenditure covered by this Purchase Order; and further authorizes payment upon proper certification of receipt of goods and/or services.

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360  Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404
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PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number</b> <b>541758</b>  <b>INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.</b>
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
--	--

Requestor		Requisition Number		Bid Number	
<b>Line Nbr</b>	<b>Item ID - Item Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Price</b>	<b>Total</b>
Change Order #2					
Vendor submitted a price increase on November 22, 2017. The price increase could not be performed until the contract was renewed. The new pricing will begin on January 18, 2018. The price increase is at 9 %.					
mlm, 01/17/18					

\*\*\*\*\* NOTICE \*\*\*\*\*

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# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360  Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404
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PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number</b> <b>541758</b>  <b>INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.</b>
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
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Requestor		Requisition Number		Bid Number	
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
Change Order #4					
..... Contract has been extended an additional twelve (12) months. New contract performance date is January 17, 2020. ..... City Council approved contract renewal on December 18, 2018. ..... 2nd & Last Renewal					

\*\*\*\*\* NOTICE \*\*\*\*\*

This Purchase Order ("Agreement") is a binding agreement between the City of Chattanooga and the Vendor. This Purchase Order shall be governed by the following documents: (1) Purchase Order; (2) City of Chattanooga Purchase Order Standard Terms and Conditions; (3) Vendor's response to the bid or quotation; and (4) terms and conditions set forth in the bid or quotation, each of which is hereby incorporated herein by reference and becomes a part of this Agreement. In the event any conflict of terms arises, the terms controlling the Agreement shall be in the order provided hereinabove. This Purchase Order is valid only when signed or electronically approved by the Finance Officer.

Electronic approval is on record in the purchasing information system which asserts that unencumbered appropriation is available to meet the expenditure covered by this Purchase Order; and further authorizes payment upon proper certification of receipt of goods and/or services.

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360  Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404
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PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number</b> <b>541758</b>  INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
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Requestor		Requisition Number		Bid Number	
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
Change Order #3					
Due to the volatility of the gas, oil & lubricants industry, Vendor submitted a price increase on June 8, 2018. The price increase is to everyone not just the City of Chattanooga. The price increase had to be performed due to the fuel increases. The new pricing will begin on July 11, 2018. The price increase is at 6 - 9 %.					
mlm, 07/11/18					

\*\*\*\*\* NOTICE \*\*\*\*\*

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# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360  Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404
--	--

PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number 541758</b>  <b>INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.</b>
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
--	--

Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
1	12 Quart Case Dextron III Automatic Transmission Fluid, Multi-Purpose; Mfg: Phillips 66	0.00	Case	\$ 22.0200	\$ 0.00
3	12 Quart Case Engine Oil CK4 Compatible 15W40; Mfg: Phillips 66	0.00	Case	\$ 32.1000	\$ 0.00
4	12 Quart Case Form 4 SAE 5w30 Motor Oil; Mfg: Phillips 66	0.00	Case	\$ 26.6700	\$ 0.00
5	12 Quart Case 5W20 Motor Oil; Mfg: Phillips 66	0.00	Case	\$ 20.2200	\$ 0.00
6	12 Quart Case PSDFS80 Power Service Diesel Fuel Supplement; Mfg: Powerservice	0.00	Case	\$ 61.6500	\$ 0.00
7	14 oz Tube Lithium Complex Synthetic Grease, Extreme Pressure, Rust and Oxidation Additives; Mfg: Phillips 66	0.00	Tube	\$ 4.7400	\$ 0.00
8	400 lb Drum AW32 NGLI 1 Grease; Mfg: Phillips 66	0.00	Drum	\$ 700.0000	\$ 0.00
9	55 Gallon Drum AW32 Hydraulic Oil; Mfg: Phillips 66	0.00	Drum	\$ 350.3500	\$ 0.00
11	55 Gallon Drum Engine Oil CK4 Compatible 15W40; Mfg: Phillips 66	0.00	Drum	\$ 514.2500	\$ 0.00
12	55 Gallon Drum Form 4 SAE 10W30 Motor Oil; Mfg: Warren	0.00	Drum	\$ 304.7000	\$ 0.00

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Electronic approval is on record in the purchasing information system which asserts that unencumbered appropriation is available to meet the expenditure covered by this Purchase Order, and further authorizes payment upon proper certification of receipt of goods and/or services.

# Purchase Order BLANKET



**City of Chattanooga**  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

<b>V E N D O R</b>	Vendor Number: Vendor Alternate ID: 16360
	Hunter Oil Co Inc 2009 S Highland Park Ave Chattanooga, TN 37404

PO Date: 13-JAN-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	<b>Purchase Order Number 541758</b>  INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
13	6 Gallon Case Dex-Cool Orange Antifreeze Spec WSSM97B44D; Mfg: Shell	0.00	Case	\$ 55.2000	\$ 0.00
14	6 Gallon Case Low Silicate 50/50 Blue Extended Service Antifreeze Spec ASTM D3306; Mfg: Powergard HD 750,000 Mile	0.00	Case	\$ 35.0000	\$ 0.00
15	6 Gallon Case Low Silicate Green Antifreeze Spec ASTM D3306; Powergard Green	0.00	Case	\$ 35.7000	\$ 0.00
16	6 Gallon Case Motorcraft Premium Gold Antifreeze Spec WSSM97B51A1; Mfg: Shell	0.00	Case	\$ 57.0000	\$ 0.00
17	Bulk AW46 Hydraulic Oil; Mfg: Phillips 66	0.00	Gallon	\$ 5.9400	\$ 0.00
18	Bulk Dextron III Automatic Transmission Fluid; Mfg: Warren	0.00	Gallon	\$ 6.0500	\$ 0.00
20	Bulk Engine Oil CK4 Compatible 15W40; Mfg: Phillips 66	0.00	Gallon	\$ 8.6500	\$ 0.00
21	Bulk MV32 Hydraulic Fluid; Mfg: Phillips 66	0.00	Gallon	\$ 7.7300	\$ 0.00
22	Bulk Transynd Synthetic Transmission Fluid, BP Transynd branded Product (Allison TES-295 approved; Mfg: Phillips 66	0.00	Gallon	\$ 28.8100	\$ 0.00
23	Diesel Exhaust Fluid Additive DEF/UREA; Mfg: Yara	0.00	Gallon	\$ 1.3600	\$ 0.00

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<b>S H I P T O</b>	
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<b>I N V O I C E</b>	Accounts Payable Division City of Chattanooga 101 East 11th Street, Suite 101 Chattanooga, TN 37402
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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
24	HD00 Motor Grease, 35 lb Drum; Mfg: Phillips 66	0.00	Drum	\$ 91.1400	\$ 0.00
25	HDZ68 Hydraulic Fluid, 5 Gallon Pail; Phillips 66	0.00	Each	\$ 54.0500	\$ 0.00
26	Pint Brake Fluid; Mfg: Super-S	0.00	Pint	\$ 1.8000	\$ 0.00
27	Pint Power Steering Fluid; Mfg: Super-S	0.00	Pint	\$ 1.7000	\$ 0.00
28	Quart Brake Fluid; Mfg: Super-S	0.00	Quart	\$ 3.0900	\$ 0.00
29	Quart Power Steering Fluid; Mfg: Super-S	0.00	Quart	\$ 24.4800	\$ 0.00
30	Other Oils, Lubricants and Fluids Not List at Cost + 2 % Markup	0.00	Each	\$ 1.0000	\$ 0.00

**TOTAL: \$ .00**

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