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TUESDAY, SEPTEMBER 18, 2018
CITY COUNCIL REVISED AGENDA
6:00 PM

- I. Call to Order.
- II. Pledge of Allegiance/Invocation (Councilman Henderson).
- III. Minute Approval.
- IV. Special Presentation.
- V. **Ordinances – Final Reading:**

PLANNING

- a. 2018-150 John Wise (R-3 Residential Zone and R-4 Special Zone to E-RA-2 Zone for 330 Tucker Street and from R-3 Residential Zone and R-4 Special Zone to E-RM-3 Zone for 309 Tremont Street). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 309 Tremont Street and 330 Tucker Street, more particularly described herein, from R-3 Residential Zone and R-4 Special Zone to E-RA-2 Zone for 330 Tucker Street and from R-3 Residential Zone and R-4 Special Zone to E-RM-3 Zone for 309 Tremont Street, subject to certain conditions. (District 2) (Planning Version #3)
- b. 2018-152 Jay E. Floyd, PE (R-1 Residential Zone, R-2 Residential Zone, and C-2 Convenience Commercial Zone to R-T/Z Residential Townhouse/Zero Lot Line Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 5731 and 5739 Grubb Road, 5959, 5967, 5971, and parts of 5931 and 5953 Winding Lane, more particularly described herein, from R-1 Residential Zone, R-2 Residential Zone, and C-2 Convenience Commercial Zone to R-T/Z Residential Townhouse/Zero Lot Line Zone, subject to certain conditions. (District 3) (Recommended for approval by Planning)
- c. 2018-155 MAP Engineers, LLC (R-1 Residential Zone to R-3 Residential Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 2216, 2228, 2242, and 2252 Murray Lane and part of 7608 Shallowford Road, from R-1 Residential Zone to R-3 Residential Zone, subject to certain conditions. (District 4) (Recommended for approval by Planning) (Planning Version #2)

- d. [2018-156 Charles Adamson and Adamson Developers, LLC \(R-1 Residential Zone to C-2 Convenience Commercial Zone\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located in the 4900 block of Patten town Road, from R-1 Residential Zone to C-2 Convenience Commercial Zone, subject to certain conditions. \(District 4\) \(Recommended for approval by Planning and Staff\)](#)
- e. [An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, Article V, Zone Regulations, Division 16, C-4 Planned Commerce Center Zone, by deleting Section 38-252, Maximum Height Structure, in its entirety and substituting in lieu thereof, and by adding a new Section 38-253, Maximum Building Height Deviation. \(Alternate Version\)](#)
- f. [An ordinance amending Chattanooga City Code, Chapter 6, Articles IV and V, Coin-Operated Devices and Family Amusement Centers. \(Sponsored by Chairman Smith and Councilman Ledford\)](#)

VI. **Ordinances – First Reading:**

PUBLIC WORKS AND TRANSPORTATION

Transportation

- a. [MR-2018-153 Lookout Mountain Conservancy % Robyn Carlton \(Abandonment\). An ordinance closing and abandoning the 3600 and 3700 blocks of Atchenson's Road, 3700 block of Cravens Road, and an unopened alley in the 3600 block of Atchenson's Road to allow for continued development of a public park, as detailed on the attached map, subject to certain conditions. \(District 7\) \(Recommended for approval by Transportation\)](#)
- b. [MR-2018-151 Ken Garner Enterprises and Kenneth B. Garner, Trustee \(Abandonment\). An ordinance closing and abandoning a portion of the 1200 block of East 28th Street, as detailed on the attached map, subject to certain conditions. \(District 8\) \(Recommended for approval by Transportation\)](#)

VII. **Resolutions:**

COUNCIL OFFICE

- a. [A resolution renaming the Chattanooga City Council Building located at 1000 Lindsay Street to be known as the "John P. Franklin, Sr. City Council Building". \(Sponsored by Councilman Byrd\)](#)

ECONOMIC AND COMMUNITY DEVELOPMENT

- b. A resolution authorizing the Mayor to execute a Quitclaim Deed to Hamilton County for the conveyance of the City's interest in property located at 7123 Discovery Drive, Tax Map No. 130-001.37 in Enterprise South Industrial Park, for the site of a Hamilton County Emergency Management Services Center. (District 6)
- c. A resolution authorizing the activation of the Open Spaces Parks Animation and Community Enhancement Program ("PACE") for Miller Park only for the cost of park rentals for organizations that meet the criteria set forth by Open Spaces, for an amount not to exceed \$50,000.00. (District 7)
- d. A resolution authorizing the Mayor to execute a Second Agreement to Exercise Option to Renew, in substantially the form attached, with Friends of the Zoo, Inc., with annual rent of \$1.00, for an additional term of three (3) years, with no remaining options to renew. (District 8)
- e. A resolution authorizing the Administrator for the Department of Economic and Community Development to renew blanket Contract No. 545655 with the sole demolition contractor, Tower Construction, for demolition services from September 25, 2018 through September 25, 2019, for an amount not to exceed \$580,000.00. (Deferred from 9/11/2018)

PLANNING

- f. Fortune Five Investments, Inc./Shree Hari Krupa 1, Inc. (Special Exceptions Permit). A resolution approving a Special Exceptions Permit for an existing liquor store, change in ownership, located at 5012 Highway 58, Suite 108. (District 5)

POLICE

- g. A resolution authorizing the Chattanooga Police Department to apply for and accept the Department of Justice OVC Fiscal Year 2018 Law Enforcement Based Direct Victim Services Grant to allow the Police Department to hire two crisis response advocates that will provide an in-the-field response with the officers from the department's Neighborhood Policing Bureau for three (3) years, for a total amount of \$450,000.00.

PUBLIC WORKS AND TRANSPORTATION

Public Works

- h. A resolution authorizing the approval of Change Order No. 1 (Final) for Insituform Technologies, LLC of Laverge, TN, relative to Contract No. W-12-024-201, Sewer Rehabilitation for Chattanooga Creek 4 Sub-Basin, a Consent Decree Project, for a decreased amount of \$148,769.66, to release the contingency amount of \$105,000.00, for a revised contract amount not to exceed \$1,904,830.64. (District 7)

Transportation

- i. A resolution authorizing the Administrator for the Department of Transportation to enter into an agreement with Geosyntec Consultants relative to Contract No. T-18-001-801 for professional services associated with the Geotechnical Peer Review of Calculations and Associated Design Documents of the Upper River Gorge Drive Extension on Aetna Mountain, for an amount not to exceed \$39,754.00. (District 1)
- j. A resolution authorizing the Administrator for the Department of Transportation to enter into a Partnership Agreement with Noon Development, LLC, Project No. T-18-001-817, for the medical office building located at 901 Riverfront Parkway and to accept a contribution towards the cost of six (6) pedestrian light poles, luminaires, conduits, and installation, in the amount of \$15,178.38. (District 7)
- k. A resolution authorizing the Administrator for the Department of Transportation to enter into a blanket contract with Wright Brothers Construction Company, Inc. for construction services associated with Citywide Resurfacing Contract No. T-18-006-201, for one (1) year with the option to renew for two (2) additional one (1) year periods, for an amount not to exceed \$3,393,383.30. (Revised)

VIII. Purchases.

IX. Other Business.

Transfer of Ownership of Liquor Stores:

- a. **Shree Hari Krupa 1, Inc. d/b/a Easy Liquor & Wine - Certificate of Compliance (District 5).**

X. Committee Reports.

XI. Recognition of Persons Wishing to Address the Council on Non-Agenda Matters.

XII. Adjournment.

TUESDAY, SEPTEMBER 25, 2018
CITY COUNCIL AGENDA
6:00 PM

1. Call to Order.
2. Pledge of Allegiance/Invocation (Councilman Mitchell).
3. Minute Approval.
4. Special Presentation.
5. **Ordinances – Final Reading:**

PUBLIC WORKS AND TRANSPORTATION

Transportation

- a. MR-2018-153 Lookout Mountain Conservancy % Robyn Carlton (Abandonment). An ordinance closing and abandoning the 3600 and 3700 blocks of Atchenson’s Road, 3700 block of Cravens Road, and an unopened alley in the 3600 block of Atchenson’s Road to allow for continued development of a public park, as detailed on the attached map, subject to certain conditions. (District 7) (Recommended for approval by Transportation)
 - b. MR-2018-151 Ken Garner Enterprises and Kenneth B. Garner, Trustee (Abandonment). An ordinance closing and abandoning a portion of the 1200 block of East 28th Street, as detailed on the attached map, subject to certain conditions. (District 8) (Recommended for approval by Transportation)
6. **Ordinances – First Reading:**

FINANCE

- a. An ordinance to amend Ordinance No. 13334, known as “the Fiscal Year” 2018-2019 Budget Ordinance,” so as to appropriate \$300,000.00 from the Department of General Government to _____.

PLANNING

- b. 2018-159 UCI, LLC c/o Kurtis Morris (R-2 Residential Zone to R-T/Z Residential Townhouse/Zero Lot Line Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 1005 Beason Drive, from R-2 Residential Zone to R-T/Z Residential Townhouse/Zero Lot Line Zone. (District 1) (Recommended for approval by Planning and recommended for denial by Staff) (Deferred from 9/11/2018)

7. **Resolutions:**

ECONOMIC AND COMMUNITY DEVELOPMENT

- a. A resolution authorizing the Mayor to enter into a Frost Stadium License Agreement with the University of Tennessee on behalf of the University of Tennessee at Chattanooga, in substantially the form attached, to use the Outdoor Softball Complex known as Frost Stadium located at 1100 McCallie Avenue, on a portion of Tax Map Number 146G-A-001, for a term of twenty (20) years, commencing on March 1, 2018 with the option to renew for one (1) additional term of twenty (20) years, for a license fee of \$1.00 per year. (District 6)
- b. A resolution authorizing the Administrator for the Department of Economic and Community Development to enter into an agreement with Faye Ralston to perform duties as program manager, lead hazard grants, in the amount of \$72,603.33, for the second year of a three (3) year contract with an option to renew for one (1) additional one (1) year period, for a total amount of \$217,810.00.
- c. A resolution to make certain findings relating to the Ridgeway Apartments redevelopment, to delegate certain authority to the Health, Educational, and Housing Facility Board, and to authorize the Mayor to enter into and execute an Agreement for Payments in Lieu of Ad Valorem Taxes.

FINANCE

- d. A resolution authorizing the City Treasurer to renew blanket Purchase Order No. 532669 for merchant card services with FIS/Link2Gov for an additional nine (9) months, through June 30, 2019. (Revised)

HUMAN RESOURCES

- e. A resolution authorizing the Director of Human Resources to renew the blanket contract Purchase Order No. 545788 for temporary employment services with Outsource Staffing, LLC for twelve (12) months, for an estimated annual expenditure of \$700,000.00. (Revised)
- f. A resolution authorizing the appointment of Timothy Goss, as a special police officer (unarmed) for the Department of Economic and Community Development, to do special duty as prescribed herein, subject to certain conditions.

PUBLIC WORKS AND TRANSPORTATION

Transportation

- g. A resolution authorizing the Administrator for the Department of Transportation to enter into a blanket contract with Yerbey Concrete Construction, Inc. for construction services associated with Citywide right-of-way concrete Contract No. T-18-008-201, for one (1) year with the option to renew for two (2) additional one (1) year periods, for an amount not to exceed \$1,056,089.00.

Revised Agenda for Tuesday, September 18, 2018

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8. Purchases.
9. Other Business.
10. Committee Reports.
11. Recognition of Persons Wishing to Address the Council on Non-Agenda Matters.
12. Adjournment.

Proposed City Council Purchases 9-18-18

DEPARTMENT REQUISITION NO.	ITEM DESCRIPTION	BIDS REQUESTED	BIDS RETURNED	LOWEST/BEST BIDDER	COST	FUND NAME	NOTES
PO545678 Public Works Department	Blanket Contract Renewal for Security Guard Services, City Wide Services, Public Works Department	9	3	SEI, Inc. 9711 Lee Hwy, Suite 108 Chattanooga, TN 37421	Estimated \$530,000.00 Annually	General Fund	Blanket Contract Renewal - Security Guard Services - City Wide Services - Public Works Department. The City of Chattanooga is renewing the first (1st) renewal options for twelve (12) months through September, 2019. There were nine (9) direct bid solicitations and we received three (3) responses in the publicly advertised bid proceedings.
R175200 Chattanooga Fire Department	Purchase of Battery Packs, Chattanooga Fire Department	8	4	Safe Industries 1628 Constellation Ct. Murfreesboro, TN 37129	\$41,928.00	General Fund	Purchase of - Battery Packs - Chattanooga Fire Department. There were eight (8) direct bid solicitations and we received four (4) responses in the publicly advertised bid proceedings. Safe Industries was the lowest bidder meeting specifications.
R175199 Chattanooga Fire Department	Blanket Contract for Firefighters' Helmets, Chattanooga Fire Department	8	4	Safe Industries 1628 Constellation Ct. Murfreesboro, TN 37129	Estimated \$103,500.00 Annually	General Fund	Blanket Contract - Firefighters' Helmets - Chattanooga Fire Department. There were eight (8) direct bid solicitations and we received four (4) responses in the publicly advertised bid proceedings. Safe Industries was the lowest bidder meeting specifications.
R174146 Public Works Department	Two (2) New Blanket Contracts for Special Line & Tank Cleaning Services, Waste Resource Division, Public Works Department	10	3	Universal Service, Inc 506 Gibson Pond Road Chattanooga, TN 37421 and Performance Contracting, Inc 1430 Weisgarber Road Knoxville, TN 37909	Estimated \$1,000,000.00 Annually	Interceptor Sewer Operations	Two (2) New Blanket Contracts - Special Line & Tank Cleaning Services - Waste Resource Division - Public Works Department. The City of Chattanooga is issuing two (2) contracts for twelve (12) months with the option to renew two (2) additional twelve (12) month terms. There were ten (10) direct bid solicitations and we received three (3) responses in the publicly advertised bid proceedings.
R170394 Chattanooga Fire Department	New Blanket Contract for Firefighters' Protective Clothing, Chattanooga Fire Department	8	1	North American Fire Equipment, Inc. 1515 West Moulton Street Decatur, AL 35601	Estimated \$978,000.00 Annually	General Fund	New Blanket Contract - Firefighters' Protective Clothing - Chattanooga Fire Department. There were eight (8) direct bid solicitations and we received one (1) responses in the publicly advertised bid proceedings. The solicitation was re-advertised but no further bids were received.



City of Chattanooga

Mayor Andy Berke

September 12, 2018

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

**Subject: Contract Renewal of Blanket PO No. 545678 – Security Guard Services –
City Wide Services – Public Works Department**

Dear Mr. Holland:

Council approval is recommended to renew Blanket PO No. 545678 for Security Guard Services, City Wide Services, Public Works Department. The City of Chattanooga is renewing the first (1st) renewal option for twelve (12) months through September, 2019, with one (1) renewal option remaining for an estimated annual amount of \$530,000. A copy of the signed letter from vendor, and a copy of the contract is enclosed.

The original invitation to bid was sent to nine (9) vendors as well as formally advertised. Bids were received from three (3) vendors. Bids are retained on file in the Purchasing Office for your review upon request.

I recommend renewing Blanket PO No. 545678 for Security Guard Services to SEI, Inc, 9711 Lee Hwy, Suite 108, Chattanooga, TN 37421.

Respectfully yours,

Bonnie Woodward
Director of Purchasing

BW/mlm

Attachments



City of Chattanooga

Mayor Andy Berke

August 7, 2018

SEI, Inc
Attn: David Debuty
9711 Lee Hwy, Suite 108
Chattanooga, TN 37421

Subject: 545678 – Security Guard Services

Dear Mr. Debuty:

The City of Chattanooga would like to extend the above referenced contract for an additional twelve (12) months at the same terms and conditions. If adjustment of contract pricing is needed, please include a schedule of proposed prices by return letter. The City will review the proposed prices and advise you of their acceptability.

The new expiration date will be September 30, 2019

Please render the appropriate signature below and return via fax to 423-643-7244 or by email to mmckeel@chattanooga.gov if you agree to renewal.

As always, we appreciate the good service you have rendered in the past, and we look forward to working with you in the future.

Signed: _____

Handwritten signature of David Debuty in cursive.

Date: 8-8-18

Sincerely,

Handwritten signature of Mark McKeel in cursive.

Mark McKeel, Buyer
City of Chattanooga
Phone: (423) 643-7236 Fax: (423) 643-7244

Purchase Order BLANKET



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

V E N D O R	Vendor Number: Vendor Alternate ID: 545113
	SEI Inc 6400 Lee Hwy Ste 108 Chattanooga, TN 37421

PO Date: 22-SEP-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545678 INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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S H I P T O	
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I N V O I C E	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
Requisition No.: 153572 Ordering Dept.: Public Works Buyer: Dedra Partridge Phone No.: (423) 643-7237 Items Being Purchased: Security Guard Services This Shall Be A Twelve (12) Month Blanket Contract To Supply Security Guard Services. The Contract Term May Be Renewed For Two (2) Additional 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 Contact: David Debuty (423) 490-0022 (423) 490-0019 (fax) dtdebuty@securityengineersinc.com Contract Term: October 1, 2017 thru October 1, 2018 Approved By City Council On September 19, 2017 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 *****

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

V E N D O R	Vendor Number: Vendor Alternate ID: 545113
	SEI Inc 6400 Lee Hwy Ste 108 Chattanooga, TN 37421

PO Date: 22-SEP-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545678 INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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S H I P T O	
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I N V O I C E	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 #1 ***** Change Order Issued Increasing Contract Limit From \$100,000.00 to \$330,000.00 Approved By City City Council On November 14, 2017					

***** NOTICE *****

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Purchase Order BLANKET



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

V E N D O R	Vendor Number: Vendor Alternate ID: 545113
	SEI Inc 6400 Lee Hwy Ste 108 Chattanooga, TN 37421

PO Date: 22-SEP-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545678 INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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S H I P T O	
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I N V O I C E	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 #2					

Change Order Issued Increasing Contract Limit From \$430,000.00 to \$530,000.00					
Approved By City City Council On July 24, 2018					

***** 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.

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Purchase Order BLANKET



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

V E N D O R	Vendor Number: Vendor Alternate ID: 545113
	SEI Inc 6400 Lee Hwy Ste 108 Chattanooga, TN 37421

PO Date: 22-SEP-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545678 INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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S H I P T O	
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I N V O I C E	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
1	Security Guard Services, City Landfill, Weekends	0.00	Hour	\$ 11.0400	\$ 0.00
2	Security Guard Services, Youth & Family, Weekday Evenings	0.00	Hour	\$ 11.0400	\$ 0.00
3	Security Guard Services, Library, Weekdays	0.00	Hour	\$ 11.0400	\$ 0.00
4	Security Guard Services, Library, Weekends	0.00	Hour	\$ 11.0400	\$ 0.00
5	Security Guard Services, Waterfront, Weekdays	0.00	Hour	\$ 11.1400	\$ 0.00
6	Security Guard Services, Waterfront, Weekends	0.00	Hour	\$ 11.1400	\$ 0.00
7	Security Guard Services, Temp. Relief of City Workers, 24 Hrs Notice	0.00	Hour	\$ 11.0400	\$ 0.00
8	Security Guard Services, Temp. Relief, Less Than 24 Hrs Notice	0.00	Hour	\$ 15.0000	\$ 0.00
9	Security Guard Services, City Hall, Weekdays	0.00	Hour	\$ 13.8000	\$ 0.00
10	Security Guard Services, Development Resources Center (DRC), Weekdays	0.00	Hour	\$ 13.8000	\$ 0.00

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Purchase Order BLANKET



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

V E N D O R	Vendor Number: Vendor Alternate ID: 545113
	SEI Inc 6400 Lee Hwy Ste 108 Chattanooga, TN 37421

PO Date: 22-SEP-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545678 INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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S H I P T O	
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I N V O I C E	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
11	Security Guard Services, Moccasin Bend, Weekdays	0.00	Hour	\$ 11.0400	\$ 0.00
12	Security Guard Services, Moccasin Bend, Evenings	0.00	Hour	\$ 11.0400	\$ 0.00
13	Security Guard Services, Moccasin Bend, Weekends	0.00	Hour	\$ 11.0400	\$ 0.00
14	Security Guard Services, Moccasin Bend, Holidays	0.00	Hour	\$ 11.0400	\$ 0.00
15	Security Guard Services, Chattanooga Riverparks, Weekdays	0.00	Hour	\$ 11.1400	\$ 0.00
16	Security Guard Services, Chattanooga Riverparks, Evenings	0.00	Hour	\$ 11.1400	\$ 0.00
17	Security Gurad Services, Chattanooga Riverparks, Weekends	0.00	Hour	\$ 11.1400	\$ 0.00
18	Security Guard Services, Chattanooga Riverparks, Holidays	0.00	Hour	\$ 11.1400	\$ 0.00
19	Security Guard Services, Riverwalk Extension, Weekdays (Armed)	0.00	Hour	\$ 13.8000	\$ 0.00
20	Security Guard Services Riverwalk Extension, Evenings, (Armed)	0.00	Hour	\$ 13.8000	\$ 0.00

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Purchase Order BLANKET



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

V E N D O R	Vendor Number: Vendor Alternate ID: 545113
	SEI Inc 6400 Lee Hwy Ste 108 Chattanooga, TN 37421

PO Date: 22-SEP-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545678 INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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I N V O I C E	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
21	Security Guard Services, Riverwalk Extension, Weekends (Armed)	0.00	Hour	\$ 13.8000	\$ 0.00
22	Security Guard Services, Riverwalk Extension, Holidays (Armed)	0.00	Hour	\$ 13.8000	\$ 0.00
23	Use of Utility Vehicle, Riverwalk Extension	0.00	Month	\$ 104.0000	\$ 0.00
24	Miscellaneous Services & Charges	0.00	Each	\$ 1.0000	\$ 0.00

TOTAL: \$.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.



City of Chattanooga

Mayor Andy Berke

September 12, 2018

Phil Hyman, Fire Chief
Chattanooga Fire Department
910 Wisdom Street
Chattanooga, TN 37406

Subject: R175200 – Battery Packs

Dear Chief Hyman:

Council approval is recommended to approve the purchase of Battery Packs as required by the Chattanooga Fire Department. The amount of this expenditure is \$41,928.00.

The bid solicitation was sent to eight (8) vendors. Four (4) bids were received. A spreadsheet is attached, showing the bids received.

I recommend the award of this contract to Safe Industries, as being in the best interest for the City of Chattanooga.

Respectfully yours,

Bonnie Woodward
Purchasing Director

BW/wt
Attachment

Vendor address:

Safe Industries
131 Weakley Lane, Suite 160
Smyrna, TN 37167

Requisition: R175200

Bid #: B305195
 Description: Battery Packs

Holzberg Communications

Mid-South Emergency

Safe Industries

Mill Supply Co.

Item #	Item Description	Unit Price	Qty.	Extended Price	Unit Price	Qty.	Extended Price	Unit Price	Qty.	Extended Price	Unit Price	Qty.	Extended Price
1	MSA G1 Lithium Battery Pack	270.00	204	55,080.00	253.00	204	51,612.00	192.00	204	39,168.00	288.18	204	58,788.72
2	MSA G1 Charging Kit	465.50	6	2,793.00	444.00	6	2,664.00	460.00	6	2,760.00	521.18	6	3,127.08
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
Totals:		735.50		57,873.00	697.00		54,276.00	652.00		41,928.00	809.36		61,915.80



City of Chattanooga

Mayor Andy Berke

September 12, 2018

Phil Hyman, Fire Chief
Chattanooga Fire Department
910 Wisdom Street
Chattanooga, TN 37406

Subject: R175199 – Firefighters' Helmets

Dear Chief Hyman:

Council approval is recommended to approve the award of a blanket contract for Firefighters' Helmets as required by the Chattanooga Fire Department. The estimated annual expenditure under this contract is \$103,500.00.

The bid solicitation was sent to eight (8) vendors. Four (4) bids were received. A spreadsheet is attached, showing the bids received.

I recommend the award of this contract to Safe Industries, as being in the best interest for the City of Chattanooga.

Respectfully yours,

Bonnie Woodward
Purchasing Director

BW/wt
Attachment

Vendor address:

Safe Industries
131 Weakley Lane, Suite 160
Smyrna, TN 37167

Requisition: R175199

Bid #: B305194

Description: Cairnes Fire Helmets

Premier Safety

Safe Industries

Mid-South Emergency Equip.

Witmer

Item #	Item Description	Unit Price	Qty.	Extended Price	Unit Price	Qty.	Extended Price	Unit Price	Qty.	Extended Price	Unit Price	Qty.	Extended Price
1	Cairnes Model 1044 Helmet	350.00	450	157,500.00	230.00	450	103,500.00	255.93	450	115,168.50	239.22	450	107,649.00
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
Totals:		350.00		157,500.00	230.00		103,500.00	255.93		115,168.50	239.22		107,649.00



City of Chattanooga

Mayor Andy Berke

September 12, 2018

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

Subject: 174146 / 305184 – Special Line & Tank Cleaning Services – Waste
Resource Division – Public Works Department

Dear Mr. Holland:

Council approval is recommended to issue two (2) blanket contracts for Special Line & Tank Cleaning Services, Waste Resource Division, Public Works Department. 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 \$1,000,000.

The invitation to bid was sent to ten (10) vendors as well as formally advertised. Bids were received from three (3) vendors shown below. Bids are retained on file in the Purchasing Office for your review upon request.

Vendors

Universal Service, Inc
Performance Contracting, Inc
Tradebe Environmental Service, LLC

Page 2

Special Line & Tank Cleaning Services

I recommend awarding the blanket contracts for Special Line & Tank Cleaning Services to Universal Service, Inc, 506 Gibson Pond Road, Chattanooga, TN 37421 and Performance Contracting, Inc, 1430 E. Weisgarber Road, Knoxville, TN 37909, as the best complete bid meeting specifications for the City of Chattanooga.

Respectfully yours,



**Bonnie Woodward
Director of Purchasing**

BW/mlm

Attachments

**Bid Tabulation - Bid No. 305184 / Req No. 174146
Special Line & Tank Cleaning Services**

Item #	Description	Unit	Performance Contracting, Inc			Universal Service, Inc			Tradebe Environmental Services, LLC		
			Unit Price	Qty	Extended Price	Unit Price	Qty	Extended Price	Unit Price	Qty	Extended Price
1	Operator - Regular Time	Hour	\$ 50.00	10,000	\$ 500,000.00	\$ 27.00	10,000	\$ 270,000.00	\$ 45.00	10,000	\$ 450,000.00
2	Operator - Overtime	Hour	\$ 72.50	250	\$ 18,125.00	\$ 35.00	250	\$ 8,750.00	\$ 67.50	250	\$ 16,875.00
3	Lead Operator - Regular Time	Hour	\$ 58.00	6,000	\$ 348,000.00	\$ 47.00	6,000	\$ 282,000.00	\$ 55.00	6,000	\$ 330,000.00
4	Lead Operator - Overtime	Hour	\$ 84.00	250	\$ 21,000.00	\$ 49.50	250	\$ 12,375.00	\$ 82.50	250	\$ 20,625.00
5	Combination Sewer Cleaner (Vacuum & Jetting)	Hour	\$ 70.00	6,000	\$ 420,000.00	\$ 47.00	6,000	\$ 282,000.00	\$ 180.00	6,000	\$ 1,080,000.00
6	Water Blaster - Minimum 6000 psi	Hour	\$ 63.00	2	\$ 126.00	\$ 25.00	2	\$ 50.00	\$ 150.00	2	\$ 300.00
Other Vendor Owned Equipment:											
7	Cold Water Pressure Washer / 4K Hot	Hour	\$ 35.00	1	\$ 35.00						
8	Confined Space Equipment	Day	\$ 50.00	1	\$ 50.00						
9	2D / 3D Specialty Water Blast Nozzles	Hour	\$ 10.00	1	\$ 10.00						
10	Gama Jet Specialty Water Blaster Nozzle	Hour	\$ 10.00	1	\$ 10.00						
11	CCTV Truck	Hour	\$ 75.00	1	\$ 75.00						
12	Push Camera	Hour	\$ 20.00	1	\$ 20.00						
13	Industrial Strength Vacuum Truck (Luquid or Air Mover)	Hour				\$ 100.00	1	\$ 100.00			
14	High Flow Jetter for Sewer & Storm Drain Pipes; Hydro-Blaster 4K at 92 GPM	Hour				\$ 125.00	1	\$ 125.00			
15	High Flow Jetter for Sewer & Storm Drain Pipes; Hydro-Blaster 500 HP 10K at 86 GPM	Hour				\$ 200.00	1	\$ 200.00			
16	3-D Head	Hour	\$ 50.00	1	\$ 50.00						
17	Hot or Cold Water Pressure Washer	Hour	\$ 50.00	1	\$ 50.00						
18	CCTV Inspection Camera Equipment for Pipes 6" - 60"	Hour	\$ 200.00	1	\$ 200.00						
19	Vacuum Tanker 5500 Gallons	Hour	\$ 100.00	1	\$ 100.00						
20	Generator	Hour	\$ 25.00	1	\$ 25.00						
21	Backhoe	Hour	\$ 50.00	1	\$ 50.00						
22	Air Tugger	Hour	\$ 15.00	1	\$ 15.00						
23	Hydro Drill	Hour	\$ 100.00	1	\$ 100.00						
24	Cyclone	Hour	\$ 50.00	1	\$ 50.00						
25	Tractor & 30 Yard Dump Trailer	Hour	\$ 100.00	1	\$ 100.00						
26	Confined Space Entry Equipment	Hour	\$ 10.00	1	\$ 10.00						
27	Dewatering Boxes	Hour	\$ 25.00	1	\$ 25.00						
28	Dewatering Boxes; Pickup & Delivery	Each	\$ 250.00	1	\$ 250.00						
29	Vacuum Boxes	Hour	\$ 30.00	1	\$ 30.00						
30	Vacuum Boxes; Pickup & Delivery	Each	\$ 250.00	1	\$ 250.00						
31	Mobile Belt Press (BDP, Ashbrook, US Filter)	Month				\$ 15,000.00	12	\$ 180,000.00			
32	10K Hydro-Blaster	Hour	\$ 90.00	1	\$ 90.00						
33	10K Spin Nozzle	Hour	\$ 12.50	1	\$ 12.50						
34	10K Hose per Section	Hour	\$ 2.50	1	\$ 2.50						
35	10K Handgun	Hour	\$ 17.50	1	\$ 17.50						
36	20K Hydro-Blaster	Hour	\$ 115.00	1	\$ 115.00						
37	20K Spin Nozzle	Hour	\$ 15.00	1	\$ 15.00						
38	20K Hose per Section	Hour	\$ 5.00	1	\$ 5.00						
39	20K Handgun	Hour	\$ 17.50	1	\$ 17.50						
40	40K Hydro-Blaster	Hour	\$ 180.00	1	\$ 180.00						
41	40K Handgun	Hour	\$ 20.00	1	\$ 20.00						
42	40K Hose per Section	Hour	\$ 15.00	1	\$ 15.00						
43	40K Nozzle	Hour	\$ 20.00	1	\$ 20.00						
44	Service Truck	Hour							\$ 25.00	1	\$ 25.00
45	CCTV Van	Hour							\$ 120.00	1	\$ 120.00
46	CCTV Operator	Hour							\$ 45.00	1	\$ 45.00
47	6" ADS Hose	Linear Foot							\$ 1.26	1	\$ 1.26
48	4" ADS Hose	Linear Foot							\$ 0.55	1	\$ 0.55
49	Confined Space Package	Hour							\$ 32.50		\$
50											
51											
52											
Percentage Markup on Materials: ___ %			10%			10%			15%		
TOTAL					\$ 1,307,251.00			\$ 855,175.00			\$ 1,897,800.00
TOTAL Including Other Vendor-Owned Equipment:					\$ 1,307,451.00			\$ 1,037,415.00			\$ 1,897,991.81
Contact:	Elise Brown		1430 E. Weisgarber Road			Kathi Freeman			Jordan Denney		
Location:	Knoxville, TN 37909		net 30			506 Gibson Pond Road			1411 S. Dickerson Road		
Pymt Terms:						Chattanooga, TN 37421			Goodlettsville, TN 37072		
						net 30			net 30		

Universal Service, Inc
506 Gibson Pond Road
Chattanooga, TN 37421

Sani-Tech JetVac Services, LLC
713 Melpark Drive
Nashville, TN 37204

Performance Contracting, Inc
1430 E. Weisgarber Road
Knoxville, TN 37909

**Chase Plumbing & Mechanical,
Inc.**
6112 Airways Blvd
Chattanooga, TN 37421

Chase Reline, Inc
6101 Airways Blvd
Chattanooga, TN 37421

SWS Environmental Services
600 Grand Panama Blvd
Panama City Beach, FL 32407

Fimco Services
945 Manufacturers Road
Dayton, TN 37321

Ace Pipe Cleaning
6601 Universal Avenue
Kansas City, MO 64120

Hydrostructures
126 Commerce Court
Pittsboro, NC 27312

**Tradebe Environmental Service,
LLC**
450 Edenwold Road
Madison, TN 37115

Date: August 23, 2018

Requisition No.: 174146

**PURCHASING DEPARTMENT
101 EAST 11TH STREET
CITY HALL
SUITE G13
CHATTANOOGA, TENNESSEE
37402**

Request for Bid (RFB) for the City of Chattanooga, Tennessee

*Proposals will be received at 101 East 11th Street, Suite G13,
Chattanooga, TN 37402 until 2:00 P.M., EST. on September 5, 2018*

Requisition / Bid No.: R174146 / 305184

Ordering Dept.: Waste Resource Division, Public Works

Buyer & E-mail: Mark McKeel mmckeel@chattanooga.gov

Items Being Purchased: Special Line & Tank Cleaning Services

*****REQUEST FOR BIDS MUST BE RECEIVED*****

2:00 P.M., EST on September 5, 2018

**The City of Chattanooga reserves the right to reject any and/or all proposals,
waive any informality in the proposals received, and to accept any proposal
which in its opinion may be for the best interest of the City.**

**The City of Chattanooga will be non-discriminatory in the purchase of all goods
and services on the basis of race, color or national origin.**

**The City's Standard Terms and Conditions may be found on website:
<http://www.chattanooga.gov/purchasing/standard-terms-and-conditions>**

Note: ALL BIDS MUST BE SIGNED

All proposals received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Offeror acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.

PLEASE PROVIDE THE FOLLOWING INFORMATION:

Company Name: Universal Service, Inc.

Mailing Address: 506 Gibson Pond Rd

City & Zip Code: Chattanooga, TN 37421

Phone/Toll Free No.: 423-892-8335

Fax No.: 423-899-4203

E-Mail Address: Universalserviceinc@comcast.net

Contact Person: Kathi Freeman

Company Title: CFO

Signature: Kathi Freeman

BID SOLICITATION



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

BID OPENING DATE AND TIME:
 05-SEP-18 at 2:00 PM

BID NUMBER: 305184

BUYER:
PHONE #: (423) 643-7230
DELIVERY REQUIRED:

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.

V
E RFQ
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M City of Chattanooga
A 101 East 11th Street, Suite G13
I Chattanooga, TN 37402
L
T
O

Item	Class-Item	Quantity	Unit	Unit Price	Total
Requisition / Bid No.: 174146 / 305184 Ordering Dept.: Waste Resource Division, Public Works Buyer: Mark McKeel Phone No.: 423-643-7236 Items Being Purchased: Special Line & Tank Cleaning Services ATTACHMENTS: 1. Specifications (8 pages) 2. Affirmative Action Plan (2 pages) 3. Insurance Requirements (2 pages) 4. Iran Divestment Act Disclosure (1 page) 5. No Contact / No Advocacy Notice (1 page) City of Chattanooga (COC) Terms and Conditions posted on Website http://www.chattanooga.gov/purchasing/standard-terms-and-conditions If you can't download call buyer for a copy. This Shall Be A Twelve (12) Month Blanket Contract To Supply Special Line & Tank Cleaning Services for the Waste Resource Division. 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. QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT. *** BID MUST BE RECEIVED NO LATER THAN *** *** 2:00 PM EST ON SEPTEMBER 5, 2018 *** PLEASE SUBMIT BIDS IN DUPLICATE INDICATING BID NUMBER (305184) ON OUTSIDE PACKAGING **** 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. NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated Any manufacturer;s names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality					

BID SOLICITATION



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

BID OPENING DATE AND TIME: 05-SEP-18 at 2:00 PM BID NUMBER: 305184
BUYER: PHONE #: (423) 643-7230 DELIVERY REQUIRED:

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.

V E N D O R	RFQ
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M A I L T O	City of Chattanooga 101 East 11th Street, Suite G13 Chattanooga, TN 37402
----------------------------	---

Item	Class-Item	Quantity	Unit	Unit Price	Total
levels. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.					
The City of Chattanooga reserves the right to reject any and/or all bids, waive any informalities in the bids received, and to accept any bid which in its opinion may be for the best interest of the city.					
The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color, or national origin.					
**** NOTE **** PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION: Company Name <u>Universal Service, Inc.</u> Address <u>506 Gibson Pond Rd</u> <u>Chattanooga, TN 37421</u> Phone/Toll-Free No. <u>423-892-8335</u> Fax No. <u>423-899-4203</u> eMail Address <u>UniversalServiceInc@Comcast.net</u> Contact Person's Name <u>Tom Freeman</u> Estimated Delivery <u>Immediate</u> Minority-Owned Business _____ Small Business <input checked="" type="checkbox"/> Veteran <input checked="" type="checkbox"/> 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: 423-892-8335

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

COMPANY: Universal Service, Inc.
 SIGNATURE: [Signature]
 NAME AND TITLE: CFO

BID SOLICITATION



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

BID OPENING DATE AND TIME: 05-SEP-18 at 2:00 PM BID NUMBER: 305184
BUYER: PHONE #: (423) 643-7230 DELIVERY REQUIRED:

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.

V E N D O R	RFQ
--	-----

M A I L T O	City of Chattanooga 101 East 11th Street, Suite G13 Chattanooga, TN 37402
--	---

Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Operator - regular time	10000	Hour	<u>27.00</u>	<u>270,000.00</u>
2	Operator - overtime	250	Hour	<u>35.00</u>	<u>8,750.00</u>
3	Lead Operator - regular time	6000	Hour	<u>47.00</u>	<u>282,000.00</u>
4	Lead Operator - overtime	250	Hour	<u>49.50</u>	<u>12,375.00</u>
5	Combination Sewer Cleaner Vacuum & Jetting	6000	Hour	<u>47.00</u>	<u>282,000.00</u>
6	Water Blaster - minimum 6000 psi	2	Hour	<u>25.00</u>	<u>50.00</u>
7	___% Markup on Materials and Other Equipment	21000	Hour	<u>10%</u>	<u>10%</u>
8	Other vendor owned equipment	31000	Hour	<u>See Attached</u>	<u>See Attached</u>

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

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

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: 423-892-8335

COMPANY: Universal Service, Inc.

SIGNATURE: Mark Sherman

NAME AND TITLE: CFO

**SPECIFICATIONS
FOR
ANNUAL REQUIREMENTS CONTRACT
TO SUPPLY
SPECIAL LINE AND TANK CLEANING SERVICES
FOR THE WASTE RESOURCES DIVISION
CITY OF CHATTANOOGA, TENNESSEE**

July 2018

1.0 GENERAL

1.1 SCOPE OF SERVICES

The Scope of Services included in these Specifications shall be for all labor, benefits, and any other related expenses necessary to provide special line and tank cleaning services for the WASTE RESOURCES DIVISION including the Moccasin Bend Wastewater Treatment Plant (MBWWTP), 455 Moccasin Bend Road, Chattanooga, Tennessee 37405; pump stations throughout the Interceptor Sewer System.

It is the responsibility of each bidder to visit both the Moccasin Bend Wastewater Treatment Plant and other locations within the WASTE RESOURCES DIVISION to determine the types, sizes, and quantities of special line and tank and determine any peculiar circumstances which may be associated with the services.

Any questions or comments related to the services described in these Specifications may be directed to the Plant Maintenance Manager at Moccasin Bend Wastewater Treatment Plant, 455 Moccasin Bend Road, Chattanooga, Tennessee 37405 (423) 757-5026.

1.2 BASIS OF BIDDING

The Contractor shall submit one (1) bid on the City's Standard Bid Form. The Bid shall include the cost per hour for labor based on trades listed in Appendix A, the cost per hour for Vendor-provided equipment listed in Appendix A, and percent markup on materials and other (not listed) specialized equipment that may be required by the Vendor.

The cost per hour shall include any and all costs for wages, benefits, indirect costs, overhead and profit, insurance, and any other related direct or indirect cost.

The Vendor shall also provide hourly rates for overtime and holiday work for the various work described herein.

Cost of these services shall be subject to all of the requirements of the Specifications.

The bid shall be awarded on the basis of the unit cost per hour to provide the special line and tank cleaning services for the Waste Resources Division, as well as an evaluation of the Vendor's qualifications, experience, capabilities, and other factors specified in the City Code.

The City of Chattanooga reserves the right to reject any and/or all bids, to waive any information in Bids received, and to accept any Bid which in its opinion may be in the best interest of the city.

1.3 SUBMITTALS

1.3.1 Bid Bond

Not Required.

1.3.2 Performance Bond

None Required.

1.3.3 References

The Vendor shall submit a list of three (3) customers for whom the Vendor has provided the special line and tank cleaning services during the past three (3) years and provided labor to perform similar services.

The list shall include names, addresses, telephone numbers, and contact person who is knowledgeable of services provided.

1.3.4 Experience

The Vendor shall have a minimum of 15 years experience as a lead operator or foreman on special cleaning projects such as line slurry tanks, digesters, wet wells, primary and secondary clarifiers, scum collectors, process manholes, process sewers and force mains, sludge storage tanks, and other similar structures located in wastewater collection and treatment systems. This experience shall include the use of all type of high pressure cleaning equipment including truck and trailer mounted cleaning devices.

The materials to be cleaned and removed include lime scale, gravel, sand, grease, rags, sticks, and other similar types of debris.

The Vendor shall be experienced in working in confined spaces and shall be thoroughly familiar with the Confined Space rules, regulations and use of the required associated equipment.

1.4 GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS

The Vendor shall comply with rules and conditions found in the City of Chattanooga, Purchasing Department's "General Conditions and Instructions to Bidders" that are a part of the invitation to Bid for the equipment or services specified herein.

1.5 LENGTH OF CONTRACT

The Contract for services described herein shall be for a period of one (1) year beginning the effective date of the award of the Contract. The Vendor shall provide a firm hourly rate for the first year of the Contract.

The City shall have the option of extending the Contract for two (2) additional one (1) year periods at the Vendor's hourly rate.

1.6 INSURANCE

The Vendor shall, proper to the award of the Contract, furnish proof and maintain in force the following types of insurance at the minimum limits specified below:

<u>COVERAGES</u>	<u>LIMITS OF LIABILITY</u>
Workmen's Compensation Employer's Liability	Statutory \$750,000
Bodily Injury Liability Except Automobile	\$750,000 each occurrence \$1,000,000 aggregate
Property Damage Liability Except Automobile	\$750,000 each occurrence \$750,000 aggregate
Automobile Bodily Injury Liability	\$750,000 each person \$1,500,000 each occurrence
Automobile Property Damage Excess Umbrella Liability	\$750,000 each occurrence \$3,000,000 each occurrence

Copies of the current insurance certificate(s) shall be provided to the City prior to any work being performed. Insurance shall be kept in force during the entire length of the contract.

1.7 WARRANTY

The Vendor shall warrant and guarantee the work performed for a period of one (1) year following delivery of the work to the City. The work shall be guaranteed and warranted against defective workmanship and materials.

2.0 SERVICES AND OTHER REQUIREMENTS

2.1 GENERAL

2.1.1 Sole Vendor

The Vendor shall not subcontract the services or assign the contract to others without the written consent of the City of Chattanooga.

2.1.2 Compliance with Applicable Regulations

All of the services provided by the Vendor shall be completed in a good and workmanlike manner. All services provided shall be in compliance with all applicable statutes, rules, ordinances and regulations of, but not limited to, the USEPA, TDOT, OSHA, and any similar federal, state, and local laws or regulations applicable to the Vendor or to the services described herein.

The Vendor's personnel shall comply with all City, Waste Resources Division, and Moccasin Bend WWTP work rules and regulations when on site.

The Vendor shall supply the MBWWTP Occupational Safety Specialist with a written safety plan prior to beginning the contract work.

The vendor's personnel shall clock in using the MBWWTP time clock system daily. Every employee shall clock in upon arrival onsite and clock out when leaving for the day. If vendor employees are to be working offsite for the day, they shall report to the MBWWTP to clock in at the start of the day and return to clock out at the end of the day.

2.1.3 Inspection

The services furnished by the Vendor shall be subject to inspection and approval by the City's designated representative, but the manner and method of providing the services shall be the responsibility of the Vendor.

2.1.4 Failure to Provide Services and Termination of Contract

In the event the Vendor:

- a. Fails to initiate services on the date specified or otherwise agreed to;
- b. Fails to provide all of the required documentation for his personnel, insurance, and any other documentation required by these Specifications at the specified times;
- c. After having begun services, abandons them for any reason;
- d. Suspends or refuses to continue services; or
- e. Defaults in any manner in the performance under the terms of the Contract for a period of two (2) consecutive working days (unless the Vendor is prevented from continuing for reasons beyond its control);

The City of Chattanooga shall have the right to terminate the Contract immediately upon the written notification by the City for the reasons listed above and the City shall complete the Contract or have the services completed by another vendor in any reasonable manner at the Vendor's expense.

The City shall have the right to terminate the Contract after giving a thirty-day (30) written notice to the Vendor.

2.2 DESCRIPTION OF CONTRACTED SERVICES

2.2.1 General

- A. The Vendor shall provide all labor, benefits and any other related expenses necessary to provide the special line and tank cleaning services described herein for the WASTE RESOURCES DIVISION.
- B. The Vendor shall provide the services on an "as needed" basis as requested by the City. The City will attempt to schedule the work to optimize the use of the Vendor's operator when it is needed.
- C. Vendor shall perform work on straight time, i.e., non-emergency, unless otherwise noted. Overtime, weekend, or holiday work shall only be performed at the City's direction.

2.2.2 Vendor Services

- A. The Vendor shall provide the trained and experienced labor required to provide the special line and tank cleaning services supported by the City's equipment and employees.

- B. If authorized in writing, the Vendor shall provide direction of City employees providing support and equipment for these special cleaning services.
- C. Vendor shall have reliable and updated equipment.

2.2.3 City Supplied Services

The City will provide all utilities associated with the special line and tank cleaning services. Depending on the task to be accomplished, the City may, if authorized prior to the work, provide the assistance of support personnel.

3.0 EXECUTION

3.1 CONTRACT STARTING DATE

The Contract for the full services shall begin immediately on the effective date of the award of the Contract.

3.2 PAYMENT OF SERVICES

- a. The City will make payment to the Vendor according to the City's normal policies and procedures.
- b. Before an order can be placed for routine transactions, City will request a Quote from Vendor with detailed breakdown. City may require breakdown on its own form. Once City has approved the quoted price and submits Requisition for same, it will advise Vendor of the Release Number in order to place the order. Invoices that do not reference the Release Number will not be considered complete or valid.
- c. Vendor's Invoice must list a valid E-Mail Address for billing questions and inquiries.
- d. Invoice Date is critical and Invoices must be sent to the City on the Invoice Date in order for the City's tracking system to accurately reflect the record. The Invoice Date must not precede the Ship Date or Service Date.
- e. Invoice descriptions on transaction lines must match the wording of the Purchase Order transaction lines, and reference the corresponding transaction line number of the Purchase Order. The Vendor shall not invoice the City for any item that does not correspond to a line on the Purchase Order.

- f. Items being billed on Markup line must have corresponding source Invoice, and that total and Markup breakdown must be reflected on Vendor's Invoice to the City. The Markup for items purchased on the percent Markup line, is for markup of items only. No Markup is allowed for taxes or freight charges. The taxes and freight charges will be a straight reimbursement, with no Markup.
- g. Markup will be calculated as the following example:

If the part costs vendor \$100.00,
and the Markup on contract is 10%,
City will reimburse Vendor \$110.00.
- h. Vendor will be responsible for collecting signature and legible name of City employee when delivering goods and/or services and must be able to produce said Proof of Delivery ("POD") upon request. The POD must contain an itemized list of goods and/or services. The POD must accompany each Department's payment packet before presenting the Invoice with all necessary backup to City's Accounts Payable Division. Including copy of POD with Invoice is encouraged and speeds payment processing time.
- i. Vendor's Invoices that are billed inaccurately, incompletely, or otherwise unprocessable are not considered valid.
- j. When sending City a Revised Invoice, it must be clearly marked "Revised." When sending City a replacement Invoice, it must reference the Invoice Number it is replacing.
- k. Invoices to the City shall reference the City Department, Release Number, Work Order Number, and the first and last name of the City employee placing the order.
- l. Accurate Invoices, with all appropriate backup documentation, shall be sent to:

City of Chattanooga
Attn: Accounts Payable Division
101 East 11th Street, Suite 101
Chattanooga, TN 37402
acctspayable@chattanooga.gov

and copy sent to:

Moccasin Bend Wastewater Treatment Plant
455 Moccasin Bend Road
Chattanooga, TN 37405
MBacctspayable@chattanooga.gov

**APPENDIX A
 LIST OF LABOR AND EQUIPMENT PROVIDED BY VENDOR**

LABOR

HOURLY RATE

Lead Operator – regular time

47.00

Lead Operator – overtime

49.50

Operator – regular time

27.00

Operator – overtime

35.00

EQUIPMENT

HOURLY RATE

Combination Sewer Cleaner (vacuum & jetting)

47.00

Water Blaster – minimum 6000 psi

25.00

Other vendor-owned equipment – list below:

See Attached

**PERCENT MARKUP ON MATERIALS AND
 OTHER EQUIPMENT**

10 %

Other Vendor-owned Equipment

For
The City of Chattanooga
09.01.18



Chattanooga, Tennessee
506 Gibson Pond Rd
Chattanooga, TN 37421
Phone: 423.892.8335
Fax: 423.899.4203

Jacksonville, Florida
1571 Eastport Rd
Jacksonville, FL 32218
Phone: 904.757.8440
Fax: 904.757.8441

Ringgold, Georgia
417 Lovinggood Rd
Ringgold, GA 30736
Phone: 706 937.7402
Fax: 706 937.7402

Prices are portal to portal from USI shop. Please do not make these add on equipment rates public. Thank you!

Labor Rates	\$47.00 p/h per Truck/Equipment Operator \$27.00 p/h per Technician OT Rates in accordance with Appendix A -City of Chattanooga Form
Industrial Strength Vacuum Truck (Liquid or Air Mover) *	\$100.00 p/h
High Flow Jetter for Sewer and Storm Drain Pipes Hydro-Blaster 4K at 92GPM	\$125.00 p/h
High Flow Jetter for Sewer and Storm Drain Pipes Hydro-Blaster 500 H.P. 10K at 86 GPM * 3-D Head	\$200.00 p/h \$50.00 p/h
Hot or Cold-Water Pressure Washer *	\$50.00 p/h
CCTV Inspection Camera Equipment for pipes 6" - 60"	\$200.00 p/h
Vacuum Tanker 5500 Gallons *	\$100.00 p/h
Generator *	\$25.00 p/h
Backhoe *	\$50.00 p/h
Air Tugger *	\$15.00 p/h
Hydro Drill	\$100.00 p/h
Cyclone	\$50.00 p/h
Tractor and 30 Yard Dump Trailer *	\$100.00 p/h
Confined Space Entry Equipment	\$10.00 p/h
Dewatering Boxes	\$25.00 p/h plus \$250.00 for pickup & delivery
Vacuum Boxes	\$30.00 p/h day \$250.00 for pickup & delivery
Mobile Belt Press (BDP, Ashbrook, US Filter)	\$15,000 per month rental of unit only
10K Hydro-Blaster *	\$90.00 p/h
Additional 10K Spin Nozzle	\$12.50 p/h
Additional 10K Hose	\$2.50 per section p/h
Additional 10K Handgun	\$17.50 p/h
20K Hydro-Blaster *	\$115.00 p/h
Additional 10K Spin Nozzle	\$15.00 p/h
Additional 20K Hose	\$5.00 per section p/h
Additional 20K Handgun	\$17.50 p/h
40K Hydro-Blaster *	\$180.00 p/h
Additional 40K Handgun	\$20.00 p/h
Additional 40K Hose	\$15.00 per section p/h
Additional 40K Nozzle	\$20.00 p/h

Others to Provide Cost Plus 10%

Payment of state Sales Tax when applicable
Disposal of all waste
Analytical or profile fees

Access to Utilities
Mechanical Preparations

*Fuel adjustment will be added to all equipment that uses fuel and will be based on the national average fuel price at the pump multiplied by eight (8) gallons per hour of work and added to the total amount.



Universal Service, Inc.

www.universalserviceinc.com

Chattanooga, Tennessee

506 Gibson Pond Rd
Chattanooga, TN 37421
Phone: 423.892.8335
Fax: 423.899.4203

Jacksonville, Florida

1571 Eastport Rd
Jacksonville, FL 32218
Phone: 904.757.8440
Fax: 904.757.8441

Sir or M'am,

We are a Veteran Owned Small Business that conducts Industrial and Environmental Cleaning Services. We have offices in Tennessee, Georgia, and Florida. Our goal is to provide personal and professional service you would expect from a small business that truly values you, our customer.

Here is a brief list of services we offer:

- High Pressure Water Blasting
- Large/High Volume Water Cleaning
- Industrial Vacuum Services (Wet or Dry)
- Chemical Cleaning
- TV Camera Video Inspection
- Coating Removal
- Hydro-Laser Cold Cutting
- Hydro- Excavation
- Hydro-Demolition
- Automatic Pipe and Drain Cleaning System
- Hydro Floor and Surface Cleaning
- Tank Cleaning
- Railcar Cleaning
- Street Cleaning
- Waste Hauling
- Ballast Removal
- Biosolids Management and Disposal
- Leachate Hauling
- Environmental Services
- Lagoon and Pond Dredging
- 24/7 Emergency Response

We have performed work for virtually every industry from road and bridge repair/construction, pulp and paper, asphalt, steel, power generation, agriculture and food, waste and water management, demolition projects, railroad, and manufacturing plants to name a few.

Our Supervisors, Crew leaders, Operators and Technicians have many years of experience and possess the Safety and Industry training required to get the job done. Our rates are very competitive since we are a small business with little overhead.

Sincerely,

Tom Freeman

**Customer List References
Finished Projects 2018
Tank and Pipe Cleanings
and Additional Services**



Chattanooga, Tennessee
506 Gibson Pond Rd
Chattanooga, TN 37421
Phone: 423.892.8335
Fax: 423.899.4203

Jacksonville, Florida
1571 Eastport Rd
Jacksonville, FL 32218
Phone: 904.757.8440
Fax: 904.757.8441

Ringgold, Georgia
417 Lovingood Rd
Ringgold, GA 30736
Phone: 706 937.7402
Fax: 706 937.7402

Metro Sewer District

Louisville, KY
4522 Algonquin Parkway
Louisville, KY
Sharise Horne – Purchasing Agent
502.540.6000
Robert Bates – WWTP Manager
502.540.6733

USI pumped over 4,000,000 gallons of digested sludge and trash in each digester and processed using a 2.0 Meter Belt Press. Material was hauled to a local Waste Management Landfill for disposal.

Digester # 1 June-July 2013
Digester # 2 March-April 2014
Digester # 3 June-August 2015
Digester # 4 January-March 2016
Digester # 1 August – September 2018

City Of Miami

Basdeo Budhram
Virginia Key
3989 Rickenbacker Cwsy
Key Biscayne, FL 33149
Phone: 486.552.4244
Fax: 786.552.4278
Email bbudr@miamidade.gov

USI pumped over 2,000,000 gallons of digested sludge and trash in each digester and processed using a 2.0 Meter Belt Press. Material was hauled to a Waste Management Landfill over three hours away for disposal.

Digester # 1 Jan.-March 2014
Digester # 2 Oct. - Dec. 2014
Digester # 3 April-June 2015

JEA

Jacksonville, FL
Multiple Contacts and Locations
Derrick Robison
904.759.8092
Peter Blackly
904.472.8116
Dell
904.759.7514

Six-year contract performing industrial cleaning of lift stations, digesters, clarifiers, and emergency environmental cleanup.

City of Warner Robbins, GA

Warner Robins, GA
250 Industrial Park Blvd
Warner Robins, GA 31088
Kim Demoonie
Or
Scott Murphy
ESG Operations, Inc.
478.929.9576

USI is cleaning five digesters including removal of sludge and rags, dewatering, and hauling dry solids to landfill. USI is also providing cleaning of various lift stations and line cleaning projects including video inspection.

City of Macon, GA
Macon Water Authority
790 Second St.
P.O. Box 108
Macon, GA 31202-0108
Contact: Randy Smith
Phone: 478-464-5642
Kate 478.338.0933
Larry Reynolds 478.256.9413

Provide ongoing cleaning of digesters, lagoons, ponds, and wet wells using Vacuum trucks and Hydro Blasters

City of Naples WWTP
City Hall
735 8th Street South
Naples, FL 34102
Robert Casey
239.213.7100 phone
239.213.7105

Cleaned Aeration Chambers utilizing vacuum trucks. USI Hauled over 130 Tons of Material from Naples, FL to Okeechobee Landfill. Project completed in 2013

City of Tampa H. Curren WWTP
Tampa, Florida
John Hastings
813.299.9049

Cleaned Digester #1 and High Pressure Hydro-blast structure cleaned. Haul material onsite and performed dewatering services during this time period. Over a one million gallons of sludge was removed.

City of Tarpon Springs, FL
201 East Pine Street
Tarpon Springs, Florida 34689
727.942.5616 phone
727.942.56.24 fax

USI provided cleaning services to remove 260 tons of sand, grit, and bio-solids from the WWTP out of three basins, transported sediment to landfill over 150 miles away.

City of Chattanooga
Moccasin Bend WWTP
Mark McKeel
423.643.723

Currently providing daily special tank and pipe cleaning for Moccasin Bend Waste Water Treatment Plant using Vac Con trucks.

City of Trenton, FL
Trenton, FL

Provide Lagoon Cleaning using vacuum trucks and hydraulic pumping to remove sludge. Project also consisted of transporting and dumping sludge in an approved disposal location.

City of Florence, SC
Surface Water Treatment Plant

Provide Lagoon Cleaning using vacuum trucks and hydraulic pumping to remove sludge. Project also consisted of transporting and dumping sludge in an approved disposal location. Lagoon was larger than football field. Moved over 500,000 gallons.

2598 Florence Harlee Blvd
Florence, South Carolina 29506
(843) 665-3165

Metro Government of Nashville

Nashville, TN
Doug Milligan

Vacuumed grit from four storm water grit tanks and Primary Channel. Project Duration: 4 weeks

O'Neil Color

O'Neil Color
193 Commerce Place
Jasper, TN 37347
Contact: Guy Miller
Phone: 423-942-9195

USI Cleaned carbon machinery room for product replacement. Cleaned Equipment, Walls, Ceiling, Floors, pumped all materials and contaminated water and hauled to treatment facility.

Shaw Industries Group, Inc.

Mail Drop #OWD-07
PO Drawer 2128
Dalton, GA 30722-2128
Contact: Rick Peelier
Phone: 706-375-3121

Project consists of dust cleaning Primary A and B Looms approx. 500,000 square feet of ceiling space. Project Duration: 3 months

Town of Estill Springs

100 Hudgins St.
Estill Springs, TN 37330
931.649.5188 phone
931.649.5971 fax

USI cleaned one (1) Water Treatment Plant Backwash Lagoon Cleaning using vacuum trucks and hydraulic pumping to remove sludge. Project also consisted of transporting and dumping sludge in an approved disposal location for land application. Hauled close to 100,000 gallons

Goodwyn, Mills & Cawood, Inc.
Jimmy Highers
3343 Perimeter Hill Drive, Suite 102
Nashville, TN 37211
615.333.7200

Town of Huntland, TN

100 Cumberland Blvd.
Huntland, TN 37345

USI cleaned one (1) Water Treatment Plant Backwash Lagoon and hauled material to an approved disposal location for land application according to State of TN permitting. Hauled nearly 50,000 gallons.

Goodwyn, Mills & Cawood, Inc.
Jimmy Highers
3343 Perimeter Hill Drive, Suite 102
Nashville, TN 37211
615.333.7200

City of Springhill, TN

City of Springhill

USI cleaned two (2) Water Treatment Plant Backwash Lagoon and hauled material to an approved disposal location for land application according to State of TN permitting. Hauled nearly 1,000,000 gallons of sludge.

199 Town Center Parkway
P.O. Box 789
Spring Hill, TN 37174
931.486.2252

New Millennium Metals

New Millennium Metals
1992 NW Bascom Norris Dr,
Lake City, FL 32055
Contact: Greg Thacker
Phone: 386-433-0051

Vacuumed waste from tanks

St. Marks Powder

P.O. Box 222
St. Marks, FL 32355
Contact: James Cobb
Phone: 850-925-6111

Cleaned Number 6 Oil from tank and hauled away.

Tennessee Roofing & Construction

8427 Hixson Pike
Hixson, TN 37379
Contact: John Eib
Phone: 423.842.8826

Various projects vacuuming rock off of roofs and hauling to designated areas.

USI Safety Policy



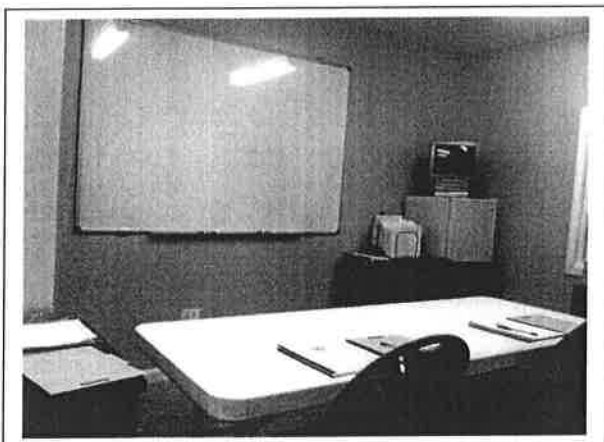
Chattanooga, Tennessee
506 Gibson Pond Rd
Chattanooga, TN 37421
Phone: 423.892.8335
Fax: 423.899.4203

Jacksonville, Florida
1571 Eastport Rd
Jacksonville, FL 32218
Phone: 904.757.8440
Fax: 904.757.8441

Ringgold, Georgia
417 Lovinggood Rd
Ringgold, GA 30736
Phone: 706.937.7402
Fax: 706.937.7402

USI strives to keep a safe and healthy work place for all employees and contractors. Our goal is to provide a safety program to assist in implementing safe practices in accordance to OSHA and EPA regulations. USI utilizes several ways to help educate our employees and contractors. USI uses Power Point Presentations, Demonstrations, and Media like Digital 2000 safety program to include programs such as

- Confine Space Entry
- Lock Out/Tag Out/Try Out
- Scaffold Safety
- Fall Protection
- Water Blasting Safety
- Guzzer and Vacuum Truck Training
- Electrical Safety, Fire Protection, Fire Extinguishers
- PPE Training including Eye Protection, Foot Protection, and Skin Protection
- Respiratory Protection, Eye Protections, Hearing Protection
- Personal Protection, Health Issues, Heat Stress



- USI Training Room provides employees and contractors paramount safety training and educational materials.
- USI adds to the safety program as needed and as OSHA standards change.
- Safety starts here and challenging the way we all think individually about safety will undoubtedly keep our employees and contractors from harm.



INDUSTRIAL WATER BLASTING & VACUUMING

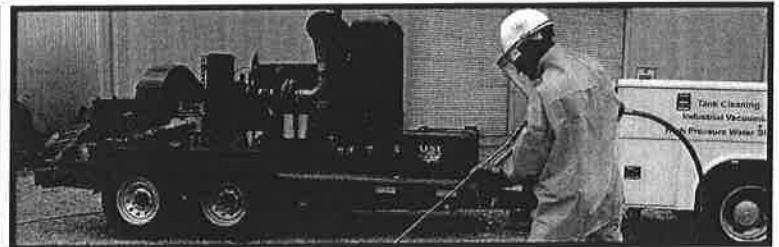
www.universalserviceinc.com

**423.892.8335 TN OFFICE
904.757.8440 FL OFFICE**

Universal Service, Inc. is a Veteran Owned Small Business that provides Industrial Cleaning Services. With locations throughout the southeast, we are large enough to service your needs but still small enough to truly value your business.

Our personnel will strive to create an environment in which maximum safety, productivity, quality, and reliability are achieved at the lowest possible cost to our clients.

Whether your facility utilizes USI in an on-site capacity, or for the once a year project, your task or project will be handled professionally and safely by our team.



USI SERVICES

**Vacuum Trucks (wet or dry)
10K, 20K, 40k Water Blasting
High Volume Water Blasting
Hydro-Demolition
Hydro-Excavation
Hydro-Laser Cold Cutting**

**Tank and Vessel Cleaning
Pressure Washing (Hot or Cold)
Pipe and Drain Cleaning
HydroFloor/Surface Cleaning
Waste Oil Recovery &
Transportation**

**Refractory Removal
Leachate Water Hauling
Wet/Dry Material Spills
Boiler, Heat Exchanger
Cleaning
Dust Remediation**

INDUSTRIES SERVED

**Automotive
Chemical
City Sewer System
Construction
DOT**

**Power Plants
Food Processing
Government
Pharmaceutical
Pulp and Paper**

**Marine
Military
Steel
Wastewater
Water**

INDUSTRY SERVICES

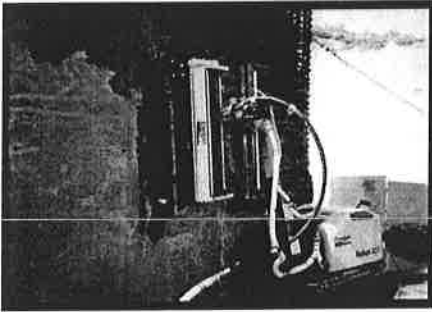
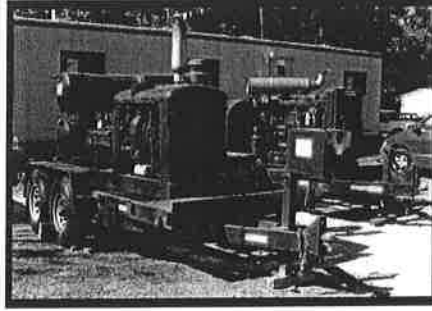
**Ash Hoppers
Barges
Boilers
Digesters & Clarifiers
Drainage Systems
Conveyer Belts**

**Evaporators
Flash Ash (Hot)
Floor Drains
Penthouses
Pipe Drain Cleaning
Process Piping**

**Production
Rail Cars
Remediation
Sewer Cleaning
Ships Hull Cleaning
Sludge Disposal**

**Smelt Beds
Surface Cleaning
Tanks and Vessels
Wastewater Disposal
Wet/Dry Spills**

At USI We Are Equipped and Ready to Serve YOU!



Additional Services:
Equipment Rental
24/7 Emergency Response
Personnel Support Program
Waste Hauling

Serving the South East

**506 Gibson Pond Rd
Chattanooga, TN 37421
423.892.8335 office
423.899.4203 fax**

**1571 Eastport Rd
Jacksonville, FL 32218
904.757.8440 office
904.757.8441 fax**





TANK & PIPE SERVICES

www.universalserviceinc.com

423.899.2588 TN OFFICE

904.757.8440 FL OFFICE

VT 6

JACKSONVILLE, FL

904-757-8440



USI safely services tanks and pipes for municipalities, waste water treatment plants, chemical companies, manufacturing companies and refineries.

Our team of experienced personnel are trained in confined space entry, meeting OSHA standards.

Willing and ready for any challenge or tank size, USI will clean the most difficult tanks or pipelines. Call us today to discuss how we can service you!



LAGOON PUMPING



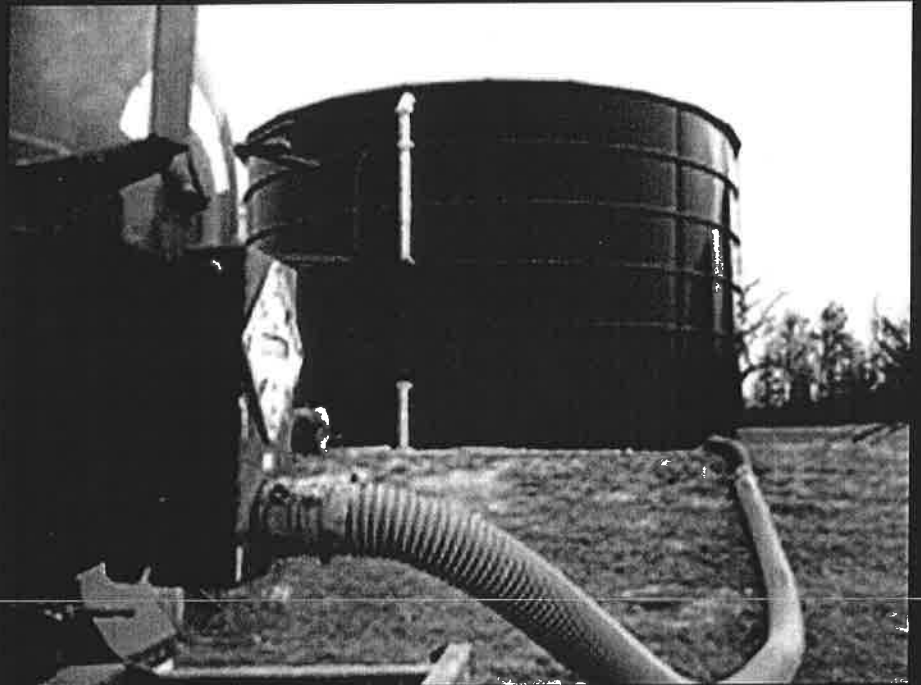
LEACHATE WATER HAULING



SAND BLASTING



DEWATERING



INDUSTRIAL VACUUMING & PUMPING

DEWATERING & DREDGING

TANK AND PIPE CLEANING

HYDRO LASER CUTTING

10K, 20K, 40K HYDRO BLASTING

SAND BLASTING AND PAINTING

TANK INSPECTIONS

WASTE HAULING AND DISPOSAL

CHEMICAL CLEANING

TV CAMERA PIPE INSPECTIONS

LINE JETTING (FLUSHING)

**506 Gibson Pond Rd
Chattanooga, TN 37421
423.899.2588 office
423.899.4203 fax**

**1571 Eastport Rd
Jacksonville, FL 32218
904.757.8440 office
904.757.8441 fax**



Waste Management

SERVICING YOU 24/7

Leachate Water Hauling with Vacuum Tankers



Line Jetting (Flushing) (2500psi - 40,000psi)



Video Pipeline Inspection Services



Vac-Con Services



Lift Stations Maintenance



Water Decanting



Digester & Clarifier Cleaning



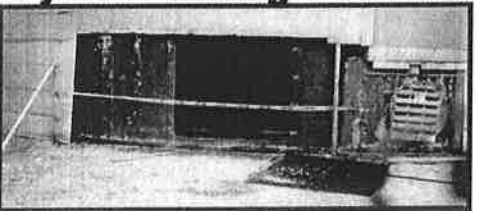
Sludge Removal



Dewatering



Hydro-Cutting Technologies



Sand Blasting & Painting



Date: August 23, 2018

Requisition No.: 174146

**PURCHASING DEPARTMENT
101 EAST 11TH STREET
CITY HALL
SUITE G13
CHATTANOOGA, TENNESSEE
37402**

Request for Bid (RFB) for the City of Chattanooga, Tennessee

*Proposals will be received at 101 East 11th Street, Suite G13,
Chattanooga, TN 37402 until 2:00 P.M., EST. on September 5, 2018*

**Requisition / Bid No.: R174146 / 305184
Ordering Dept.: Waste Resource Division, Public Works
Buyer & E-mail: Mark McKeel mmckeel@chattanooga.gov**

Items Being Purchased: Special Line & Tank Cleaning Services

*****REQUEST FOR BIDS MUST BE RECEIVED*****

2:00 P.M., EST on September 5, 2018

The City of Chattanooga reserves the right to reject any and/or all proposals, waive any informality in the proposals received, and to accept any proposal which in its opinion may be for the best interest of the City.

The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color or national origin.

The City's Standard Terms and Conditions may be found on website:
<http://www.chattanooga.gov/purchasing/standard-terms-and-conditions>

Note: ALL BIDS MUST BE SIGNED

All proposals received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Offeror acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.

PLEASE PROVIDE THE FOLLOWING INFORMATION:

Company Name: Performance Contracting, Inc.

Mailing Address: 1430 E. Weisgarber Rd

City & Zip Code: Knoxville, TN 37909

Phone/Toll Free No.: 865-330-7762

Fax No.: 865-330-7770

E-Mail Address: elise.brown@pcg.com

Contact Person: Elise Brown

Company Title: Project Engineer

Signature: 



CITY OF CHATTANOOGA
Special Line and Tank Cleaning Services Contract

Bid Clarifications

PERFORMANCE CONTRACTING, INC. ("Contractor") offers the following clarifications to the contract terms and conditions for **CITY OF CHATTANOOGA** ("City"), for the bid for work on the captioned project. Notwithstanding any language in the contract documents to the contrary, the provisions of these Clarifications shall be controlling in the event of any discrepancies, inconsistencies or ambiguities between these Clarifications and any other contract document. References in these Clarifications to specific sections in the Purchase Order are by way of illustration and not intended to limit the applicability of provisions contained herein.

1. Contractor's bid is predicated on the parties reaching mutually agreeable terms and conditions.
2. This Purchase Order shall be administered under the laws and regulation of the state and local jurisdiction in which the project is located. *Reference Section 2*
3. Contractor's obligations of indemnification and defense shall be only to the extent of the negligence or willful misconduct of Contractor or Contractor's lower tier subcontractors. Contractor shall have no obligation to indemnify or defend City from its own negligence or willful misconduct or the negligence and willful misconduct of those under its control. *Reference Section 7*
4. Any special insurance coverage, including primary coverage to additional insureds, referenced endorsements or waivers of subrogation, provided by Contractor's insurer pursuant to the insurance requirements of the contract documents shall be applicable only to the extent of Contractor's indemnification obligations. *Reference Section 8*
5. *Section 9* shall be hereby made mutual amongst the parties.
6. *Section 11(a)* and *11(c)*, delete "seven (7)" and substitute "two (2)" therefor.
7. In the event Contractor's Work is suspended or terminated for convenience, Contractor shall be reimbursed for all costs incurred by virtue thereof, including but not limited to costs of material pre-stocked on the jobsite or at Contractor's facility, costs of material order cancellation, demobilization costs and a reasonable amount as and for overhead and other fees. *Reference Section 12*
8. In the event Contractor is delayed in its work or is otherwise required to accelerate or resequence its work for reasons other than the fault of Contractor or others under Contractor's control, then Contractor shall be entitled to additional compensation therefor. *Reference Section 15*

~~ end ~~

BID SOLICITATION



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

BID OPENING DATE AND TIME:
 05-SEP-18 at 2:00 PM

BID NUMBER: 305184

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.

BUYER:
 PHONE #: (423) 643-7230
DELIVERY REQUIRED:

V
E
N
D
O
R

RFQ

M
A
J
L
I
T
O

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
<p>Requisition / Bid No.: 174146 / 305184 Ordering Dept.: Waste Resource Division, Public Works Buyer: Mark McKeel Phone No.: 423 643-7236</p> <p>Items Being Purchased: Special Line & Tank Cleaning Services</p> <p>ATTACHMENTS: 1. Specifications (8 pages) 2. Affirmative Action Plan (2 pages) 3. Insurance Requirements (2 pages) 4. Iran Divestment Act Disclosure (1 page) 5. No Contact / No Advocacy Notice (1 page) City of Chattanooga (COC) Terms and Conditions posted on Website http://www.chattanooga.gov/purchasing/standard-terms-and-conditions If you can't download call buyer for a copy.</p> <p>This Shall Be A Twelve (12) Month Blanket Contract To Supply Special Line & Tank Cleaning Services for the Waste Resource Division.</p> <p>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.</p> <p>QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT.</p> <p>*** BID MUST BE RECEIVED NO LATER THAN *** *** 2:00 PM EST ON SEPTEMBER 5, 2018 ***</p> <p>PLEASE SUBMIT BIDS IN DUPLICATE INDICATING BID NUMBER (305184) ON OUTSIDE PACKAGING</p> <p>**** Vendor Shall Hold Prices Firm for First (1st) Year of Contract ****</p> <p>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.</p> <p>NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.</p> <p>Any manufacturer;s names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality</p>					

BID SOLICITATION



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

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.

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BID OPENING DATE AND TIME:

05-SEP-18 at 2:00 PM

BID NUMBER: 305184

BUYER:

PHONE #: (423) 643-7230

DELIVERY REQUIRED:

M City of Chattanooga
 A 101 East 11th Street, Suite G13
 I Chattanooga, TN 37402
 L
 T
 O

Item	Class-Item	Quantity	Unit	Unit Price	Total
<p>levels. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.</p> <p>The City of Chattanooga reserves the right to reject any and/or all bids, waive any informalities in the bids received, and to accept any bid which in its opinion may be for the best interest of the city.</p> <p>The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color, or national origin.</p> <p>**** NOTE **** PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION:</p> <p>Company Name <u>Performance Contracting, Inc.</u></p> <p>Address <u>1430 E. Weisgarber Rd</u> <u>Knoxville, TN 37909</u></p> <p>Phone/Toll-Free No. <u>865-330-7762</u></p> <p>Fax No. <u>865-330-7770</u></p> <p>eMail Address <u>elise.brown@pcg.com</u></p> <p>Contact Person's Name <u>Elise Brown</u></p> <p>Estimated Delivery <u>Best Way</u></p> <p>Minority-Owned Business <u>N/A</u> Small Business <u>N/A</u> Veteran <u>N/A</u></p> <p>Minority Woman-Owned Business <u>N/A</u> Disabled Veteran <u>N/A</u></p> <p>Woman-Owned Business <u>N/A</u></p> <p>**** ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION ****</p>					

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: 865-330-7762

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

COMPANY: Performance Contracting, Inc.

SIGNATURE:

NAME AND TITLE: Scott Miller / Branch Manager

BID SOLICITATION



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

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.

BID OPENING DATE AND TIME:

05-SEP-18 at 2:00 PM

BID NUMBER: 305184

BUYER:

PHONE #: (423) 643-7230

DELIVERY REQUIRED:

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Operator - regular time	10000	Hour	\$50.00	\$500,000.00
2	Operator - overtime	250	Hour	\$72.50	\$18,125.00
3	Lead Operator - regular time	6000	Hour	\$58.00	\$348,000.00
4	Lead Operator - overtime	250	Hour	\$84.00	\$21,000.00
5	Combination Sewer Cleaner Vacuum & Jetting	6000	Hour	\$70.00	\$420,000.00
6	Water Blaster - minimum 6000 psi	2	Hour	\$63.00	\$126.00
7	___% Markup on Materials and Other Equipment	21000	Hour	10%	\$2,100.00
8	Other vendor owned equipment	31000	Hour	\$60.00	\$1,860,000.00

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

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

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

COMPANY: Performance Contracting, Inc.

TERMS OF PAYMENT: NET 30

SIGNATURE:

TELEPHONE NUMBER: 865-330-7762

NAME AND TITLE: Scott Miller/Branch Manager

**SPECIFICATIONS
FOR
ANNUAL REQUIREMENTS CONTRACT
TO SUPPLY
SPECIAL LINE AND TANK CLEANING SERVICES
FOR THE WASTE RESOURCES DIVISION
CITY OF CHATTANOOGA, TENNESSEE**

July 2018

1.0 GENERAL

1.1 SCOPE OF SERVICES

The Scope of Services included in these Specifications shall be for all labor, benefits, and any other related expenses necessary to provide special line and tank cleaning services for the WASTE RESOURCES DIVISION including the Moccasin Bend Wastewater Treatment Plant (MBWWTP), 455 Moccasin Bend Road, Chattanooga, Tennessee 37405; pump stations throughout the Interceptor Sewer System.

It is the responsibility of each bidder to visit both the Moccasin Bend Wastewater Treatment Plant and other locations within the WASTE RESOURCES DIVISION to determine the types, sizes, and quantities of special line and tank and determine any peculiar circumstances which may be associated with the services.

Any questions or comments related to the services described in these Specifications may be directed to the Plant Maintenance Manager at Moccasin Bend Wastewater Treatment Plant, 455 Moccasin Bend Road, Chattanooga, Tennessee 37405 (423) 757-5026.

1.2 BASIS OF BIDDING

The Contractor shall submit one (1) bid on the City's Standard Bid Form. The Bid shall include the cost per hour for labor based on trades listed in Appendix A, the cost per hour for Vendor-provided equipment listed in Appendix A, and percent markup on materials and other (not listed) specialized equipment that may be required by the Vendor.

The cost per hour shall include any and all costs for wages, benefits, indirect costs, overhead and profit, insurance, and any other related direct or indirect cost.

The Vendor shall also provide hourly rates for overtime and holiday work for the various work described herein.

Cost of these services shall be subject to all of the requirements of the Specifications.

The bid shall be awarded on the basis of the unit cost per hour to provide the special line and tank cleaning services for the Waste Resources Division, as well as an evaluation of the Vendor's qualifications, experience, capabilities, and other factors specified in the City Code.

The City of Chattanooga reserves the right to reject any and/or all bids, to waive any information in Bids received, and to accept any Bid which in its opinion may be in the best interest of the city.

1.3 SUBMITTALS

1.3.1 Bid Bond

Not Required.

1.3.2 Performance Bond

None Required.

1.3.3 References

The Vendor shall submit a list of three (3) customers for whom the Vendor has provided the special line and tank cleaning services during the past three (3) years and provided labor to perform similar services.

The list shall include names, addresses, telephone numbers, and contact person who is knowledgeable of services provided.

1.3.4 Experience

The Vendor shall have a minimum of 15 years experience as a lead operator or foreman on special cleaning projects such as line slurry tanks, digesters, wet wells, primary and secondary clarifiers, scum collectors, process manholes, process sewers and force mains, sludge storage tanks, and other similar structures located in wastewater collection and treatment systems. This experience shall include the use of all type of high pressure cleaning equipment including truck and trailer mounted cleaning devices.

The materials to be cleaned and removed include lime scale, gravel, sand, grease, rags, sticks, and other similar types of debris.

The Vendor shall be experienced in working in confined spaces and shall be thoroughly familiar with the Confined Space rules, regulations and use of the required associated equipment.

1.4 GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS

The Vendor shall comply with rules and conditions found in the City of Chattanooga, Purchasing Department's "General Conditions and Instructions to Bidders" that are a part of the invitation to Bid for the equipment or services specified herein.

1.5 LENGTH OF CONTRACT

The Contract for services described herein shall be for a period of one (1) year beginning the effective date of the award of the Contract. The Vendor shall provide a firm hourly rate for the first year of the Contract.

The City shall have the option of extending the Contract for two (2) additional one (1) year periods at the Vendor's hourly rate.

1.6 INSURANCE

The Vendor shall, proper to the award of the Contract, furnish proof and maintain in force the following types of insurance at the minimum limits specified below:

<u>COVERAGES</u>	<u>LIMITS OF LIABILITY</u>
Workmen's Compensation Employer's Liability	Statutory \$750,000
Bodily Injury Liability Except Automobile	\$750,000 each occurrence \$1,000,000 aggregate
Property Damage Liability Except Automobile	\$750,000 each occurrence \$750,000 aggregate
Automobile Bodily Injury Liability	\$750,000 each person \$1,500,000 each occurrence
Automobile Property Damage Excess Umbrella Liability	\$750,000 each occurrence \$3,000,000 each occurrence

Copies of the current insurance certificate(s) shall be provided to the City prior to any work being performed. Insurance shall be kept in force during the entire length of the contract.

1.7 WARRANTY

The Vendor shall warrant and guarantee the work performed for a period of one (1) year following delivery of the work to the City. The work shall be guaranteed and warranted against defective workmanship and materials.

2.0 SERVICES AND OTHER REQUIREMENTS

2.1 GENERAL

2.1.1 Sole Vendor

The Vendor shall not subcontract the services or assign the contract to others without the written consent of the City of Chattanooga.

2.1.2 Compliance with Applicable Regulations

All of the services provided by the Vendor shall be completed in a good and workmanlike manner. All services provided shall be in compliance with all applicable statutes, rules, ordinances and regulations of, but not limited to, the USEPA, TDOT, OSHA, and any similar federal, state, and local laws or regulations applicable to the Vendor or to the services described herein.

The Vendor's personnel shall comply with all City, Waste Resources Division, and Moccasin Bend WWTP work rules and regulations when on site.

The Vendor shall supply the MBWWTP Occupational Safety Specialist with a written safety plan prior to beginning the contract work.

The vendor's personnel shall clock in using the MBWWTP time clock system daily. Every employee shall clock in upon arrival onsite and clock out when leaving for the day. If vendor employees are to be working offsite for the day, they shall report to the MBWWTP to clock in at the start of the day and return to clock out at the end of the day.

2.1.3 Inspection

The services furnished by the Vendor shall be subject to inspection and approval by the City's designated representative, but the manner and method of providing the services shall be the responsibility of the Vendor.

2.1.4 Failure to Provide Services and Termination of Contract

In the event the Vendor:

- a. Fails to initiate services on the date specified or otherwise agreed to;
- b. Fails to provide all of the required documentation for his personnel, insurance, and any other documentation required by these Specifications at the specified times;
- c. After having begun services, abandons them for any reason;
- d. Suspends or refuses to continue services; or
- e. Defaults in any manner in the performance under the terms of the Contract for a period of two (2) consecutive working days (unless the Vendor is prevented from continuing for reasons beyond its control);

The City of Chattanooga shall have the right to terminate the Contract immediately upon the written notification by the City for the reasons listed above and the City shall complete the Contract or have the services completed by another vendor in any reasonable manner at the Vendor's expense.

The City shall have the right to terminate the Contract after giving a thirty-day (30) written notice to the Vendor.

2.2 DESCRIPTION OF CONTRACTED SERVICES

2.2.1 General

- A. The Vendor shall provide all labor, benefits and any other related expenses necessary to provide the special line and tank cleaning services described herein for the WASTE RESOURCES DIVISION.
- B. The Vendor shall provide the services on an "as needed" basis as requested by the City. The City will attempt to schedule the work to optimize the use of the Vendor's operator when it is needed.
- C. Vendor shall perform work on straight time, i.e., non-emergency, unless otherwise noted. Overtime, weekend, or holiday work shall only be performed at the City's direction.

2.2.2 Vendor Services

- A. The Vendor shall provide the trained and experienced labor required to provide the special line and tank cleaning services supported by the City's equipment and employees.

- B. If authorized in writing, the Vendor shall provide direction of City employees providing support and equipment for these special cleaning services.
- C. Vendor shall have reliable and updated equipment.

2.2.3 City Supplied Services

The City will provide all utilities associated with the special line and tank cleaning services. Depending on the task to be accomplished, the City may, if authorized prior to the work, provide the assistance of support personnel.

3.0 EXECUTION

3.1 CONTRACT STARTING DATE

The Contract for the full services shall begin immediately on the effective date of the award of the Contract.

3.2 PAYMENT OF SERVICES

- a. The City will make payment to the Vendor according to the City's normal policies and procedures.
- b. Before an order can be placed for routine transactions, City will request a Quote from Vendor with detailed breakdown. City may require breakdown on its own form. Once City has approved the quoted price and submits Requisition for same, it will advise Vendor of the Release Number in order to place the order. Invoices that do not reference the Release Number will not be considered complete or valid.
- c. Vendor's Invoice must list a valid E-Mail Address for billing questions and inquiries.
- d. Invoice Date is critical and Invoices must be sent to the City on the Invoice Date in order for the City's tracking system to accurately reflect the record. The Invoice Date must not precede the Ship Date or Service Date.
- e. Invoice descriptions on transaction lines must match the wording of the Purchase Order transaction lines, and reference the corresponding transaction line number of the Purchase Order. The Vendor shall not invoice the City for any item that does not correspond to a line on the Purchase Order.

- f. Items being billed on Markup line must have corresponding source Invoice, and that total and Markup breakdown must be reflected on Vendor's Invoice to the City. The Markup for items purchased on the percent Markup line, is for markup of items only. No Markup is allowed for taxes or freight charges. The taxes and freight charges will be a straight reimbursement, with no Markup.
- g. Markup will be calculated as the following example:

If the part costs vendor \$100.00,
and the Markup on contract is 10%,
City will reimburse Vendor \$110.00.

- h. Vendor will be responsible for collecting signature and legible name of City employee when delivering goods and/or services and must be able to produce said Proof of Delivery ("POD") upon request. The POD must contain an itemized list of goods and/or services. The POD must accompany each Department's payment packet before presenting the Invoice with all necessary backup to City's Accounts Payable Division. Including copy of POD with Invoice is encouraged and speeds payment processing time.
- i. Vendor's Invoices that are billed inaccurately, incompletely, or otherwise unprocessable are not considered valid.
- j. When sending City a Revised Invoice, it must be clearly marked "Revised." When sending City a replacement Invoice, it must reference the Invoice Number it is replacing.
- k. Invoices to the City shall reference the City Department, Release Number, Work Order Number, and the first and last name of the City employee placing the order.
- l. Accurate Invoices, with all appropriate backup documentation, shall be sent to:

City of Chattanooga
Attn: Accounts Payable Division
101 East 11th Street, Suite 101
Chattanooga, TN 37402
acctspayable@chattanooga.gov

and copy sent to:

Moccasin Bend Wastewater Treatment Plant
455 Moccasin Bend Road
Chattanooga, TN 37405
MBacctspayable@chattanooga.gov

**APPENDIX A
 LIST OF LABOR AND EQUIPMENT PROVIDED BY VENDOR**

<u>LABOR</u>	<u>HOURLY RATE</u>
Lead Operator – regular time	<u>\$ 58.00</u>
Lead Operator – overtime	<u>\$ 84.00</u>
Operator – regular time	<u>\$ 50.00</u>
Operator – overtime	<u>\$ 72.50</u>

<u>EQUIPMENT</u>	<u>HOURLY RATE</u>
Combination Sewer Cleaner (vacuum & jetting)	<u>\$ 70.00</u>
Water Blaster – minimum 6000 psi (10K, 15K, and 20K)	<u>\$ 63.00</u>
Other vendor-owned equipment – list below:	
<u>4K Hot / Cold Water Pressure Washer</u>	<u>\$ 35.00 / Hour</u>
<u>Confined Space Equipment</u>	<u>\$ 50.00 / Day</u>
<u>2D / 3D specialty water blast nozzles</u>	<u>\$ 10.00 / Hour</u>
<u>Gama Jet specialty water blaster nozzle</u>	<u>\$ 10.00 / Hour</u>
<u>CCTV Truck</u>	<u>\$ 75.00 / Hour</u>
<u>Push Camera</u>	<u>\$ 20.00 / Hour</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

<u>PERCENT MARKUP ON MATERIALS AND OTHER EQUIPMENT</u>	<u>10</u> %
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City of Chattanooga

Mayor Andy Berke

September 7, 2018

Phil Hyman, Fire Chief
Chattanooga Fire Department
910 Wisdom Street
Chattanooga, TN 37406

Subject: R170394 – Firefighters' Protective Clothing

Dear Chief Hyman:

Council approval is recommended to approve the award of a blanket contract for Firefighters' Protective Clothing as required by the Chattanooga Fire Department. The estimated annual expenditure under this contract is \$978,000.00.

The bid solicitation was sent to eight (8) vendors. Only one bid was received. The Solicitation was re-advertised, but no further Bids were received. A copy of the Bid of North American Fire Equipment is attached.

I recommend the award of this contract to North American Fire Equipment, as being in the best interest for the City of Chattanooga.

Respectfully yours,

Bonnie Woodward
Purchasing Director

BW/wt
Attachment

Vendor address:

North American Fire Equipment Co., Inc.
1515 West Moulton Street
Decatur, AL 35601

BID SOLICITATION

ORIGINAL



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

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.

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BID OPENING DATE AND TIME:
09-AUG-18 at 2:00 PM

BID NUMBER: 305181

BUYER:
PHONE #: (423) 643-7230
DELIVERY REQUIRED:

M City of Chattanooga
A 101 East 11th Street, Suite G13
I Chattanooga, TN 37402
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Item	Class-Item	Quantity	Unit	Unit Price	Total
Requisition No: 170394 Ordering Dept: Fire Department Buyer: William Tucker Fax: 423-643-7244 Email: wtucker@chattanooga.gov Items Being Purchased: Fire Fighters' Protective Clothing ATTACHMENTS: Specifications (17 pages) Instructions to Bidders (3 pages) ***BIDS MUST BE RECEIVED NO LATER THAN ** *** 02:00 PM EST on AUGUST 9, 2018 *** SEALED BID: All Bids must be delivered to the Purchasing Office in a sealed envelope on or before the time and date specified above. DO NOT email or fax your Bid; such Bids cannot be considered. This shall be a twelve-month blanket contract to supply : Fire Fighters' Protective Clothing as needed by agencies of the City of Chattanooga. The contract terms may be renewed for two (2) additional twelve (12)-month terms under the same terms and conditions by mutual agreement. The City of Chattanooga and the Contractor may extend the contract by providing written confirmation of agreement by both parties at least 30 days prior to the contract's current expiration date. Items being purchased are to be delivered to: Fire Administration 910 Wisdom Street Chattanooga, TN 37406 Delivery Contact: Vanessa Meyer, Tel. 423-643-5688 ALL ITEMS MUST BE QUOTED F.O.B DESTINATION The City of Chattanooga Standard Terms and Conditions are incorporated herein by reference, and are available for review on the City's website at http://www.chattanooga.gov/purchasing/standard-terms-and-conditions . If you cannot access the document online, contact the Purchasing Office for a copy. NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above-referenced website. By submission of a Bid, the bidder acknowledges having reviewed the Standard Terms and Conditions, and agrees to be bound by such terms. NO SUBSTITUTIONS OR EQUIVALENTS WILL BE ACCEPTED. The City of Chattanooga reserves the right to reject any and/or all					

BID SOLICITATION



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

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.

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BID OPENING DATE AND TIME:

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
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Bids, waive any informalities in the Bids received, and to accept any Bid which in its opinion may be for the best interest of the City.

The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color, or national origin.

Vendor Contact Information:

Vendor Name NORTH AMERICA FIRE EQUIPMENT CO., INC. (NAFECO)

Contact Person Ronald Woodall

Tel: 256-353-7100 or 800-628-6233

Fax 256-355-0852

Email: ronald.woodall@nafeco.com

Mailing Address: 1515 West Moulton Street

City, State, Zip: Decatur, AL 35601

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 Days

TELEPHONE NUMBER: 256-353-7100

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

North America Fire Equipment Co., Inc
 COMPANY: (NAFECO)

SIGNATURE: *Ronald Woodall*

NAME AND TITLE: Ronald Woodall, Vice President

BID SOLICITATION



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

BID OPENING DATE AND TIME: 09-AUG-18 at 2:00 PM BID NUMBER: 305181
BUYER: PHONE #: (423) 643-7230 DELIVERY REQUIRED:

SEALED BIDS

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Protective coats, per attached specs. Janesville Gear, No substitutions.	390	Each	\$1,419.00	\$553,410.00
2	Protective pants, per attached specs. Janesville Gear, No Substitutions.	390	Each	\$1,045.00	\$407,550.00
3	Protective suspenders, per attached specs. Janesville Gear, No Substitutions.	390	Each	\$ 37.00	\$ 14,430.00
4	Protective clothing, optional lettering, per fire fighter's last name on hanging patch, per attached specs. Janesville Gear, No Substitutions.	30	Each	\$ 54.00	\$ 1,620.00

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 Days

TELEPHONE NUMBER: 256-353-7100

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

COMPANY: North America Fire Equipment Co., Inc.
(NAFECO)

SIGNATURE: Ronald Woodall

NAME AND TITLE: Ronald Woodall, Vice President

Personal Protective Equipment

Technical Specification

Prepared On:

Oct 25, 2017

On Behalf of:

Chattanooga Fire Dept.

Chattanooga

TN

Protective Clothing Specification

Meets Requirements?

Scope

Yes | No

The purpose of the clothing is to provide protection during structural fire fighting operations where there is a threat of fire or when certain physical hazards are likely to be encountered, such as during non-fire-related rescue operations, emergency medical operations, and victim extrication.

Standard

Yes | No

All garments produced shall meet or exceed the criteria set forth in the current edition of NFPA 1971 STANDARD ON PROTECTIVE ENSEMBLES FOR STRUCTURAL FIRE FIGHTING AND PROXIMITY FIRE FIGHTING, FED-OSHA CFR 1910, Subpart L, OSHA 29 CFR Part 1910.1030 and/or the requirements of CAL-OSHA title 8, Article 10.1, Para. 3406.

All components and composites used in the construction of garments shall be third party tested, certified and listed for compliance to NFPA 1971. The label of the third party tester shall denote certification.

The manufacturer shall be registered to the ISO Standard 9001 to assure a satisfactory level of quality.

USER GUIDE INFORMATION

Yes | No

Each garment shall include a User Information Guide with information required by NFPA 1971.

This guide shall include:

- (a) Pre-use information:
 - Safety considerations.
 - Limitations of use.
 - Garment marking recommendations and restrictions.
 - A statement that most performance properties of the garment cannot be tested by the user in the field.
 - Warranty information.
- (b) Preparation for use:
 - Sizing/adjustment.
 - Recommended storage practices
- (c) Inspection:
 - Inspection frequency and details.
- (d) Don/Doff:
 - Donning and doffing procedures.
 - Sizing and adjustment procedures.
 - Interface issues.
- (e) Use:
 - Proper use consistent with NFPA 1500, Standard on Fire Department, Occupational Safety and Health Program, and 29 CFR 1910, 132.
- (f) Maintenance and Cleaning:
 - Cleaning instructions and precautions with a statement advising users not to use garments that are not thoroughly cleaned and dried.
 - Inspection details.
 - Maintenance criteria and methods of repair where applicable.
 - Decontamination procedures for both chemical and biological contamination.
- (g) Retirement and Disposal
 - Retirement and disposal criteria and considerations.

- (h) Drag Rescue Device (DRD)
 - Use, inspection, maintenance, cleaning and retirement of the DRD.

Tracking Label System

Yes | No

There shall be a PDF417, two dimensional bar code label permanently affixed to each garment for tracking purposes. The bar code shall contain a minimum of the following information:

- a. unique serial number
- b. item description (brand, model, material color)
- c. lot information (date of mfg., size, etc.)
- d. material description
- e. the standard to which the garment is compliant

The bar code shall be able to withstand customary wash and wear cycles. The PDF417 bar code must incorporate a minimum of a 30% "error correction" capability.

Sizes

Yes | No

Coats shall be made available in even chest sizes with corresponding sleeve lengths available in short, regular, and long. Pant sizes shall be made available in even waist sizes with inseam lengths available in extra short, short, regular and long. Male and female sizing available.

Warranty

Yes | No

Each garment shall have a limited lifetime warranty against defects in material and workmanship.

Composite Performance

Yes | No

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Thermal Protective Performance (TPP) of not less than 40 when tested in accordance with NFPA 1971 standard.

The garment composite, consisting of the outer shell, moisture barrier and thermal liner, shall provide a Total Heat Loss (THL) of not less than 261 when tested in accordance with NFPA 1971 standard.

The Heat Transfer Index rating shall be 25 seconds for the shoulder when measured at 2 psi (pounds per square inch) and 25 seconds for the knee when measured at 8 psi.

Stress Points

Yes | No

All outer shell stress points, including top and bottom pocket corners, pocket flap corners, top and bottom of storm flap/fly shall be reinforced using a 42 stitch minimum bar tack.

Labeling

Yes | No

Each garment shall have a garment label(s) permanently and conspicuously attached stating at least the following language, as well as detailed warning instructions provided by the manufacturer.

Do Not Remove This Label

**THIS GARMENT MEETS THE GARMENT REQUIREMENTS OF NFPA 1971,
STANDARD ON PROTECTIVE ENSEMBLE FOR STRUCTURAL FIRE FIGHTING,
2013 EDITION**

MADE IN THE U.S.A.

Packaging

Each Coat and Pant shall be packaged in a dark plastic bag in order to provide protection during shipping and prior to first use

LION Fire Academy

Online training shall be available meeting NFPA 1500 training requirements on the safe use of the (garments, helmet, boots, gloves, hood). This online training shall include:

- Personal Responsibility of the Individual Fire
- Purpose and Limitations
- Structural PPE Construction, Features, and Functions
- Routine Inspection
- Donning and Doffing
- Proper Fit and Overlap
- Using Your PPE Safely
- How Fire Fighting Affects the
- Routine Cleaning of PPE
- Assembly and Disassembly of PPE
- Storage
- Useful Life and Retirement of PPE

Additionally online training satisfying NFPA 1851 training requirements on advanced inspection, advanced cleaning and basic repairs (turnouts and helmets) shall be available.

Acquisition Regulation

In the past seven-year period has your firm, or any of its principals, been convicted or had a civil judgment rendered against it for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property?

YES NO

Detailed Description / Specification

Meets Requirements?

LION V-Force® Bi-Swing Coat

Coat Model / Design

COAT CONSTRUCTION: The coat is designed of a 3-panel construction in all layers of our innovative V-fit design. For optimum comfort and mobility an inverted pleat on each side where back front and back body panel pieces meet shall be incorporated. Each pleat shall begin at the back of each shoulder and shall extend vertically down the side of the coat. A combination moisture barrier/thermal liner shall include a corresponding 1" inward dynamic fold approximately 1.5" from each sleeve seam at the shoulder. This fold shall provide for coat expansion when extending arms forward and shall interface

Yes No

Detailed Description / Specification

Meets Requirements?

with the inverted pleats of the outer shell to maximize mobility and function of the outer shell and thermal liner. Sleeves shall be of raglan design in the front and set in design in back.

Coat Model / Design

When measured at the center of the back from the collar seam to the hem bottom, the coat shall measure 29", 30.5", 32", 33.5", or 35" long for male; 29" or 32" long for female.

Yes | No

Drag Rescue Device

The Fire Fighter Recovery Harness™ shall be constructed of a one and one-half inch wide KEVLAR® strap that shall be installed between the outer shell and the thermal liner. This harness shall have a hand loop (16" in circumference) that exits the outer shell through a 2" polymer coated aramid reinforced slot on the back of the coat just below the collar and is held in place by means of a piece of 1.5" x 2" hook on the strap and a piece of 1" x 2" loop attached to the outer shell. This strap is then secured under a 2.25" x 5.25" flap that is sewn in at the neck /collar area. Two pieces 1" x 2" loop shall be set vertically on shell to align with two pieces of 1" x 2" hook set vertically to the underside of the flap. The harness is also held in proper alignment by means of a 2" x 2" piece of loop placed on the inside of the outer shell underneath the chest trim that corresponds to a piece of 1.5"x 2" hook located on the harness. Two 1" x 3.5" self-fabric straps with 1" x 2" hook on one end and 1" x 2" loop on other end shall be set to coat in the shoulder cap area to keep straps in proper position for use. The loop handle shall have a silver retro-reflective LION logo patch.

Yes | No

Fire Fighter Recovery Harness™ provides mechanical leverage for dragging a downed and incapacitated structural firefighter from a life-threatening environment. The design of the harness enables the rescuer to drag the downed firefighter in line with the axis of the firefighter's skeletal frame, in order to decrease the risk of further injury.

Reflective Trim

Reflective Trim set vertical down flap of fallen man harness, 4 rows lockstitch.

Yes | No

Trim shall be of 3" Ventilated Scotchlite II (triple trim) of lime/yellow

Ventilated Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Coat Outer Shell Material

The outer shell shall be constructed of +/- 6.0 oz./sq. yd. 70% "PBI Dominant" PBI®/KEVLAR® spun yarns/30% 600 denier KEVLAR® filament in a twill weave with extremely durable FPE water resistant Teflon® FPE alloy finish. Color shall be natural (gold).

Yes | No

Coat Liner & Moisture Barrier

THERMAL LINER: The thermal liner shall be comprised of Glide Ice™ high-lubricity, stress reducing, filament/spun face cloth weighing 3.6 oz/sq.yd. The Kevlar Nomex filament yarns shall represent no less than 60% of the face cloth's composition and shall be positioned in the warp direction of the weave in order to optimize their slippery characteristics on the face. Spun yarns comprised of 30% Nomex and 10% Lenzing FR spun yarns with superior wicking characteristics shall be used to promote moisture

Yes | No

management within the garment. The Glide Ice™ face cloth shall be quilted to one layer spunlace aramid (85%NOMEX®/15% KEVLAR®) weighing approximately 2.3 oz./sq. yd. and one layer of apertured (11-13 apertures/sq. inch) spunlace aramid (85% NOMEX®/15% KEVLAR®) weighing approximately 1.5 oz./sq. yd. both layers shall be treated with a Teflon® finish to promote minimal moisture storage in the garment as well as promote rapid drying (Total weight +/- 7.3 oz./sq. yd.).

MOISTURE BARRIER: CROSSTECH® BLACK (Type 2F): NOMEX® substrate laminated to a lightweight breathable, Teflon membrane; weighing 4.7 oz./sq. yd.

The liner shall have one 8.5" x 9" internal pocket which shall be made of black outer shell material. The liner pocket shall be located on the left side of coat liner.

Quilt Thermal Liner Construction: The two-piece moisture barrier shall be completely sewn to the thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. All moisture barrier seams shall be sealed as required by NFPA 1971. The moisture barrier/thermal liner shall finish no more than 1" from the cuffs and 2" from the hem.

The vented moisture barrier features a circumferential opening at the torso mid section with a two-inch overlap and bartack reinforcement. Venting the moisture barrier allows increased heatloss performance while maintaining protection.

MOISTURE BARRIER/THERMAL LINER ATTACHMENT: Completely Removable: The moisture barrier/thermal liner shall be completely detachable from the outer shell for ease of cleaning by the use of hook and loop, zippers, and snaps. There shall be a zipper and two snaps down each front facing, hook and loop shall also be located around the entire neck opening. In addition, there will be a snap for alignment along the bottom of the liner, and one snap and hook and loop at each sleeve end.

All moisture barrier seams shall be sealed as required by NFPA 1971.

Coat Shell Attachment

There shall be a 1" x 2" self fabric strap with one end sewn to the coat shell & opposite end loose with one female non-logo snap. One male snap shall be centered on the liner at the bottom rear panel to align with the female snap.

Yes | No

Reflective Trim

All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment.

Ventilated Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Coat trim shall be applied as follows: New York Pattern: One 3" strip shall be set full circumference at the bottom sweep of the outer shell; one 3" strip shall be set around each sleeve approximately 2" above the cuff; one 3" strip shall be set around each sleeve just above the elbow; one 3" strip shall be set full circumference at the chest.

Yes | No

Coat Collar

Yes | No

MOISTURE BARRIER/THERMAL LINER CONSTRUCTION: The liner collar shall be a layer of self material and a layer of CROSSTECH® Black. The design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the liner collar shall be attached to the facings at the front closure of the outer shell. The neck of the liner collar shall be secured to the neck of the outer shell collar such that when donning the coat an arm may not be accidentally caught between the outer shell and its inner linings. A 4" wide CROSSTECH® Black and 1.75" self-material extension shall be sewn the full length of the neck with two pieces of 1" loop for attachment to shell collar. The self material extension shall overlap the shell collar to prevent exposure of the hook and loop. Collar closure shall be provided by hook and loop 1.5" x 4", with hook portion sewn on right side of collar, and loop portion sewn on left, set horizontal.

COLLAR: The 3" split collar shall consist of two piece construction shaped for comfort. The collar shall be configured such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of outer shell collar shall be fully lined with a layer of CROSSTECH® Black. The shell collar shall provide proper interface with the liner to insure no moisture penetration through the collar seam to the inside of coat. The shell collar shall have two pieces 1" hook along top edge for liner attachment. The collar shall be attached to the liner facing using 1" hook. Collar shall be of such design so as not to interfere with SCBA face masks, or helmet.

Snap Attachment

Yes | No

There shall be four male snaps set in the hook&loop on the shell collar. One snap shall be set 3" left and 3" right of the center of the collar. One snap shall be set 6" over from the first snap on both sides. The snaps shall be set in between the fabric so the snaps do not show.

Hanger Loop

Yes | No

An external hanger loop constructed of a double layer of outer shell material and reinforced with two 42-stitch bartacks shall be provided on the outside of the coat at the collar seam. It shall be designed to provide long service and shall not tear or separate from the coat when the coat is hung by the hanger loop, loaded evenly with a weight of 80 lbs. and allowed to hang for one minute.

Coat Inner Yoke Reinforcement

Yes | No

A layer of Semper Dri™ (3.0 oz./sq. yd. Teflon® treated Chambray (NOMEX® spun) face cloth quilted to two layers of NOMEX®/Kevlar® spunlace (Total weight +/- 6.0-6.8 oz./sq. yd)) shall be positioned between the moisture barrier and thermal liner for extra thermal protection in a high heat and compression area of the coat. It shall be sewn to the inside of the upper back portion of the thermal liner across the upper back from the back shoulder and collar seams 7" down, over the tops of shoulders and down the front approximately 4" ending at the armhole.

Coat Shoulder Reinforcement

Yes | No

A 4" wide area at the top of the shoulders extending 6" from the collar seam shall be capped with outershell material for abrasion resistance and thermal protection. For additional thermal protection and cushioning, one layer of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be oriented between the outer shell and the shoulder cap reinforcement.

Coat Elbow Reinforcement

Yes | No

The sleeve shall have an insert throughout all layers that shall provide a natural bend in the sleeve. This elbow shall include cut outs, shaped pieces, and darts to create free movement with few restrictions. The insert shall consist of black polymer coated aramid for abrasion resistance and thermal protection.

In addition to reinforcement, elbows shall be padded using one layer of uninterrupted 1/8" thick, fire retardant closed-cell foam. The reinforcement material shall be oriented between the outer shell and elbow insert reinforcement.

Coat Cuff Reinforcement

Yes | No

The extended cuff of the sleeve shall be reinforced with a binding of outer shell material not less than 3" in total width for abrasion resistance and thermal protection. One leather tab with female snap fastener shall be set in the cuff to attach outer shell to liner.

Coat Wristlets

Yes | No

An internal wristlet shall consist of a 2-ply knit of 48% NOMEX®/48% KEVLAR® and 4% Spandex for superior recovery. Wristlet to be combination of natural and bronze colors producer dyed by DuPont, and with extremely durable Teflon® water resistant alloy not less than 8" extending completely over the palm with a thumbhole preventing the wristlet from sliding back. Wristlets shall be double stitched and bound to the moisture barrier/thermal liner providing extended thermal and slash protection.

Coat Water Well

Yes | No

A combination Chambray face cloth quilted to two layers of AraFlo E89 and one layer of breathable CROSSTECH® Black (Type 2F) moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end to form a sleeve well. A 3/4" wide strip of loop fastener shall be sewn full circumference to the end of the thermal liner leader to help secure the combination liner to the outer shell. A CROSSTECH® Black (Type 2F) moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end. This leader shall be approximately 4" in length and end with a gathering of 1" elastic. This sleeve well shall prevent water and hazardous materials from entering the sleeve when arms are in a raised position.

The combination liner sleeve ends shall be inserted into the outer shell sleeve ends by means of lining up the snaps then attaching the loop fastener of the combination liner sleeve end with the hook fastener on the outer shell sleeve. This method of combination liner attachment shall prevent any gaps from occurring between the

combination liner and sleeve well during a full range of motion. The combination liner shall extend to within 1" of the sleeve end.

Coat Closure System

Yes | No

THERMAL FRONT PANEL CONSTRUCTION: There shall be continuous thermal and moisture protection around the entire torso including the storm flap. To ensure this protection, as well as reduce potential for wicking moisture to inside of liner, both right and left inside front facings of the coat outer shell shall incorporate outer shell fabric and Gore RT7100™ PTFE moisture barrier, extending from collar to hem.

COAT FRONT CLOSURE DESIGN: The complete outer shell coat front closure design shall consist of a **FRONT CLOSURE SYSTEM** completely protected by an **OUTSIDE STORM FLAP** which shall have its own, independent **STORM FLAP CLOSURE SYSTEM**.

STORM FLAP: A storm flap measuring not less than 2.5" wide, nor less than 22" in length shall be set on the outside of the right side of the coat opening for maximum thermal protection and clear drainage. The inner lining of the storm flap shall be Gore RT7100 PTFE moisture barrier meeting all requirements for moisture barriers sandwiched between two layers of outer shell fabric.

FRONT/STORM FLAP CLOSURES: The front closure shall consist of a thermoplastic zipper with a 1 3/4" polymer coated aramid tab added to left bottom for fast closure and exit. There shall be four standard snap hooks, each securely riveted with three leather reinforced rivets to the left front coat, to engage dee rings on the storm flap. Dee rings shall each be securely riveted with two leather reinforced rivets, along the leading outside edge of the storm flap. The snap hooks and dee rings shall be spaced with the first hook at the top of the coat and the other three snap hooks and dee rings evenly spaced along the front of the coat.

Coat Outer Yoke Reinforcement

Yes | No

A layer of Semper Dri™ (3.0 oz./sq. yd. Teflon® treated Chambray (NOMEX® spun) face cloth quilted to NOMEX®/Kevlar® spunlace (Total weight +/- 6.0-6.8 oz./sq. yd)) shall be sewn to the inside of the outer shell upper back portion and sleeve 8" in length and 12" across the sleeve.

Liner Inspection System

Yes | No

There shall be an 11" opening located on the coat liner system at the center right front of the liner. This opening will provide the ability to completely invert the coat liner to properly view the integrity of the entire liner system. There shall be one piece 1" x 4" loop sewn to the back side of the liner system with a piece of 1.5" x 3" hook sewn to the inside of the outer shell to ensure proper alignment when installing the liner system into the outer shell. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

Detailed Description / Specification

Meets Requirements?

Coat Options

*** Accessories that will be included with the Coats; listed below, if any...

Yes | No

Flashlight Strap

There shall be a 1x10" two layer self fabric flashlite strap X-stitched to shell with one piece 1x3" hook on one end and one piece 1x3" loop on the opposite end.

Yes | No

Item Location for Above

Shall be located on right chest just above chest trim and 1" over from the storm flap. There shall be a leather reinforcemnet patch on the inside of the coat shell.

Yes | No

MISC. Fasteners

Utility snap hook shall be attached to outer shell. Utility snap shall be securely riveted with (3) leather reinforced rivets.

Yes | No

Item Location for Above

Shall be located on the right side of the chest 4" above the flashlight strap.

Yes | No

Dee-ring

There shall be a 1"x5.5" self fabric strap folded over 2" and then end folded up 1.25" with 1" dee hanging from loop, bartacked to shell

Yes | No

Item Location for Above

Shall be located on the flap of each hem pocket; centered.

Yes | No

Mic Tab

There shall be a 1" X 3" triple layer self -fabric mic tab attached with bar tacks on each side. Bar tacks shall be a minimum 42-stitch bar tack

Yes | No

Item Location for Above

Shall be located on the left chest above the radio pocket and 1" over from the storm flap.

Yes | No

Emblem

There shall be a 2"x3" American Flag patch, with stars in the upper left corner, sewn to the coat.

Yes | No

Item Location for Above

Shall be located on the flap of the Radio Pocket.

Yes | No

Sewn On Lettering

There shall be 2" lime yellow Scotchlite letters, sewn-on the yoke; to read - CHATTANOOGA (line 1 arched); FD (line 2 straight).

Yes | No

Lettering Patches

Yes | No

There shall be an option for a 5"x18" contoured 2-layer self-fabric one-line Letter Patch attached to hang from back hem via hook & loop and corner snaps. The options are to order with Coats, order separate loose, or have Coats ordered that are ready to receive a loose patch.

Sewn On Lettering

Yes | No

There shall be an option for 3" lime yellow Scotchlite letters, sewn-on to the hanging patch for FF Names.

Lettering

Yes | No

There shall be a Isodri Logo emblem.

Item Location for Above

Yes | No

Location shall be determined.

Coat Pockets

Yes | No

Coat pocket

Turn-Out Pockets

Yes | No

There shall be 9" x 9" Semi-bellow and handwarmer combination pockets that expand by means of side and bottom gussets to a thickness of 2" in back only and 0" in front. The pocket shall be set at the bottom of the coat hem and reflective trim shall be set on each pocket. There shall be a 6" opening on the rear side of the bellow of the pocket. Semi Bellow Pocket shall be fully lined inside with KEVLAR® twill and have a KEVLAR® twill backer. Handwarmer Pocket shall be lined inside with fleece material. Pocket and flap shall be set with stitch 301, seam Ssb-2 with each corner of pocket opening and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Each pocket flap shall measure 10" wide by 3" high in front and 5" high in rear. Each flap shall incorporate a 1" by 2" polymer coated aramid pull tab for easy opening. The corner under this tab shall be reinforced with two layers of Lite-N-Dri™ for stability. A hook and loop closure system shall be set with two pieces of 1.5" x 3" loop fastener set horizontally on the outside edge of the pocket opening with corresponding 1.5" x 3" hook fastener set vertically on the underside of the flap.

Item Location for Above

Yes | No

Shall be located on left and right of the front bottom.

Turn-Out Pockets

Yes | No

There shall be a 3.5" wide x 8" deep full bellows radio pocket that expands by means of side and front gussets to a thickness of 2" in front and back. Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with a minimum 42-stitch bar tack. A brass eyelet shall provide drainage of moisture. Pocket flaps shall be 4.5"x 5". Pocket shall be fully lined all 4 sides inside pocket and flap with polycotton lining. Pocket flap shall close to the pocket top using 1 piece of 2"x 3" loop on pocket horizontally and 1 piece of 2"x 3" hook on flap vertically. Pocket flap shall include an antenna notch to accommodate an antenna.

Item Location for Above

Shall be located on the left side of the chest; bottom to be even with bottom of chest trim.

Yes No

LION V-Force® Pant w/ Belt

Pant Model / Design

PANT CONSTRUCTION: The pant shall have a low rise waist V-Fit™ design.

Yes No

-- OR --

The pant shall have a traditional waist V-Fit™ design with an integrated lumbar support system. The lumbar support device shall provide mechanical support for the back by generating intra-abdominal pressure without increasing abdominal muscle activity. Components of the lumbar support system include a 6" x 8" orthopedic, non-absorbent, fire retardant, closed-cell foam pad, elastic webbing, metal adjusters, and pull tabs. The lumbar support system shall be oriented between the outer shell and liner. Each pant front shall have two tunnel openings reinforced with polymer coated aramid welts, for durability, spaced 7" apart on the front of the pant. Pull tabs, shall be constructed of black split cowhide leather, 1.5" wide x 5.5" long shall be sewn to two straps of 2" wide elastic webbing on each side of the pant. Elastic webbing shall be secured to center rear of pant. When the lumbar support system is deactivated, pull tabs shall be visible on the front of pants. 1.5" wide x 5.5" long loop fastener shall be sewn on the underside of each pull tab to engage the system. The right elastic straps shall each have a 2" wide x 5" long loop fastener sewn on the underside, while the left elastic straps shall each have a 2" wide x 5" long hook fastener sewn on top for engaging the system. The left side of the pant outer shell shall have 1.5" wide x 3" long hook fastener for storage of pull tab and to help engage system. The right side of pant shall have 1.5" wide x 3" long hook fastener for storage of pull tab and to assist in engaging the system. The foam pad shall have one 4" wide x 5" long strip of hook fastener to engage two 2" wide x 7" long strips of loop fastener sewn to the rear of the pant to secure pad in place. The inside of the outer shell is reinforced with a piece of KEVLAR® twill 10" wide by 7" high.

RADIAL INSEAM BAND: A radial banded insert runs continuously from the top of knee on one leg, through the crotch area to the top of the opposite knee. The elimination of crotch seams reduces tension in the crotch area to give added comfort and helps to alleviate stress to extend the useful life of the gear. Also there is an added insert piece in the design to help ensure that when the firefighter is kneeling or bending the leg of the garment bends in alignment with the leg so that the knee of the firefighter centers on the knee pad of the pant. It also helps to eliminate rubbing of the inseams of each leg against each other when the firefighter is working so that the risk of abrasion of the seams is minimized.

WAISTBAND: The waist of the pants shall be reinforced on the inside with 1-ply of outer shell fabric material not less than 1.5" in width. The pant waist shall be contour shaped for better comfort and hemmed to provide strength with the independent waistband, which shall then be double stitched to the outer shell.

Yes No

Belts

An NFPA 1983, 2006 Edition escape belt shall be positioned through belt loops on the pants or coat. The belt shall be constructed of 2" Kevlar webbing and sewn with Kevlar thread. The belt closure shall be a snap and V-Ring. A D-ring attachment point shall be provided. When not in use this D-ring is secured out of the way by means of a one inch

by three inch loop and one inch by four inch hook strap. The belt shall also be adjustable for size at the V-Ring closure component. The extra adjustable length of the belt is conveniently held in position by means of a one and one half inch band of black elastic. The end of this strap is reinforced with a 1 1/2" band of poly coated aramid and stitched with a Z pattern for additional strength. The escape belt is certified for use up to 300 pounds. This belt is available for pants with a waist ranging from 26" through 50" only.

CMC 203304

Belt Loops

There shall be three belt loops of two-layers of self fabric, 4" wide by 3.5" high shall be double stitched to pant shell and bartacked at all four corners. One loop at center back and one loop on each side.

Yes | No

Pant Outer Shell Material

The outer shell shall be constructed of +/- 6.0 oz./sq. yd. 70% "PBI Dominant" PBI®/KEVLAR® spun yarns/30% 600 denier KEVLAR® filament in a twill weave with extremely durable FPE water resistant Teflon® FPE alloy finish. Color shall be natural (gold).

Yes | No

Pant Liner & Moisture Barrier

THERMAL LINER: The thermal liner shall be comprised of Glide Ice™ high-lubricity, stress reducing, filament/spun face cloth weighing 3.6 oz./sq.yd. The Kevlar Nomex filament yarns shall represent no less than 60% of the face cloth's composition and shall be positioned in the warp direction of the weave in order to optimize their slippery characteristics on the face. Spun yarns comprised of 30% Nomex and 10% Lenzing FR spun yarns with superior wicking characteristics shall be used to promote moisture management within the garment. The Glide Ice™ face cloth shall be quilted to one layer spunlace aramid (85%NOMEX®/15% KEVLAR®) weighing approximately 2.3 oz./sq. yd. and one layer of apertured (11-13 apertures/sq. inch) spunlace aramid (85% NOMEX®/15% KEVLAR®) weighing approximately 1.5 oz./sq. yd. both layers shall be treated with a Teflon® finish to promote minimal moisture storage in the garment as well as promote rapid drying (Total weight +/- 7.3 oz./sq. yd.).

Yes | No

MOISTURE BARRIER: CROSSTECH® BLACK (Type 2F): NOMEX® substrate laminated to a lightweight breathable, Teflon membrane; weighing 4.7 oz./sq. yd.

MOISTURE BARRIER/THERMAL LINER CONSTRUCTION: Design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. To deter the wicking of moisture up the thermal liner leg the bottom nine inches of each thermal leg shall be constructed of Semper Dri™ (3.0 oz./sq. yd. Teflon® treated Chambray (NOMEX® spun) face cloth quilted to two layers of NOMEX®/Kevlar® spunlace (Total weight +/- 6.8 oz./sq. yd.)). The waist of the moisture barrier/thermal liner shall be secured to the waist of the outer shell such that when donning the pant a leg may not be accidentally caught between the outer shell and its inner linings along the waist and between the legs of the pant. For added thermal protection to the knee, an additional layer of 1/8" thick, fire retardant closed-cell foam shall be positioned between the moisture barrier and thermal liner at the knee.

Quilt Thermal Liner Construction: The moisture barrier shall be completely sewn to a

Teflon® treated NOMEX® facecloth at its perimeter. The moisture barrier substrate/facecloth combination will be sewn to the quilted thermal liner at its perimeter with the breathable membrane oriented inward toward the thermal liner and away from the outer shell. The quilted thermal liner will be oriented toward the wearer. All moisture barrier seams shall be sealed as required by NFPA 1971. The moisture barrier/thermal liner shall finish no more than 3" from the pant cuffs.

Completely Removable: The moisture barrier/thermal liner shall be completely detachable from the outer shell for ease of cleaning by using snaps and hook and loop. Nine evenly spaced snaps shall secure the liner to the integral waistband; Two snaps shall be set in leather leg tabs at each leg end.

Reflective Trim

All trim shall be sewn with four rows lockstitch 301, minimum six stitches/inch for most secure trim attachment.

Ventilated Trim shall be of 3" Scotchlite II (triple trim) of lime/yellow perforated with 0.08 mm holes (114 per square inch) to provide a conduit for the release of vapor that can occur when moisture is heated and the trim compressed.

Pant trim shall be applied as follows: one strip set full circumference around the bottom of the cuff 3" from the bottom cuff.

Yes | No

Pant Fly Closure

STORM FLY/CLOSURE: The outer shell shall have a sewn on overlapping fly front running the full length of the fly on the right side. The flap shall not be less than 2.5" wide at the waistband. The bottom of the fly shall be reinforced with a 42 stitch bartack.

The storm fly shall be held closed along its length by means of a hook and loop fastener closure 1.5" minimum width, along the leading edge for a distance of not less than 6" from the bottom of the fly closure to the waist area for proper alignment and secure closure. Additionally, one snap shall be positioned at the inside top of the fly. Pant closure shall be provided by a thermo plastic zipper. A hook and dee ring closure shall be used for quick one motion closing at the waist. The hook shall be 2.5" in length, made of a zinc non ferrous metal alloy and weigh 1.2 oz. +/- 5%. It shall be securely fastened to the pant by means of a 5/8" wide, treated leather take up strap looped through the rear of the buckle and triple riveted to the pant shell with leather backed rivets. The dee shall be made of a non ferrous metal alloy 2" long x 1 1/16" wide and secured by two leather backed rivets to the leading edge of fly flap.

The storm fly shall be outer shell material, lined with a 4" strip of CROSSTECH® Black (Type 2F) moisture barrier material and Semper Dri (3.0 oz/sq yd Teflon® treated Chambray (NOMEX® spun) facecloth quilted to two layers NOMEX®/Kevlar® spunlace (Total weight +/- 6.0-6.8 oz/sq yd)).

THERMAL FLY ASSEMBLY: A 3/4" wide x 9" long loop fastener shall be sewn to the moisture barrier/thermal liner to engage corresponding hook fastener on the underside of the outside storm fly and facing.

WAISTBAND: The waist of the pants shall be reinforced on the inside with one ply of outer shell fabric material not less than 1.5" in width. The pant waist shall be contour

Yes | No

shaped for better comfort and hemmed to provide strength with the independent waistband, which shall then be double stitched to the outer shell.

Take Up Straps

Yes | No

One adjustment device shall be affixed to the outside on each side of the pant. Each take-up strap shall be comprised of two sub-component straps. The front strap shall be 1" wide x 5" in length, folded in half to form a loop, and shall be affixed to the side of the pant by means of two bar tacks spaced 2" apart. The loop shall face toward the back and hold a nickel plated 1" metal loop. The back strap shall be 1" wide x 9" in length of double layered outer shell material and hook and loop fastener. The rear 4.5" shall be sewn and triple bartacked to the shell. The front section of the strap shall remain loose and be aligned so that it is threaded through the metal loop. It shall have a piece of 1" x 3" hook fastener attached to the loose strap end to engage the corresponding 1" x 4.5" loop fastener at end of strap to allow for adjustment.

Pant Knee Reinforcement

Yes | No

V-FIT™ KNEE: The knee shall have an insert throughout all layers that shall provide a natural bend in the leg. This knee shall include cut outs, shaped pieces, and darts to create free movement with few restrictions. The insert shall consist of black poly-coated aramid for abrasion resistance and thermal protection. For added thermal protection, an additional layer of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be positioned between the moisture barrier and thermal liner. For additional extended thermal protection, three layers of uninterrupted 1/8" thick, fire retardant closed-cell foam shall be also be positioned between the reinforcement layer and outershell.

Pant Cuff Reinforcement

Yes | No

The cuff area of the pant shall be reinforced with a binding of black polymer coated aramid not less than 2" in total width for greater strength, abrasion resistance, and thermal protection. In addition a 3" x 3 1/2" piece of reinforcement material shall be sewn on the inseam area of the pant leg above the pant cuff and below the pant trim, in order to provide extra abrasion protection. The material used on the kick shield shall match the material used on the pants cuffs.

MISC. Pant Options

Yes | No

The back portion of the cuff will gradually curve upward from each side seam to a maximum of 2" at the center back of the pant leg to prevent wear on the back of the cuff.

Leg Tabs

Yes | No

Two grey leather leg tabs 3/4" wide x 1 3/4" long with female snaps shall be bartacked 2" up from bottom edge on inside of the pant cuff with one on the inseam and one on the outseam.

Liner Inspection System

Yes | No

There shall be an opening located on the pant liner system to the right side of the waist separating the thermal barrier and moisture barrier, approximately 10" in length. This opening will provide the ability to completely invert the pant liner to properly view the integrity of the entire liner system. There shall be a piece of 1" x 3" FR loop sewn to the moisture barrier 3" over from beginning of opening and a corresponding piece of 1" x 3" FR hook sewn to the inside of the outer shell to ensure proper alignment when installing the liner system into the outer shell. This Liner Inspection System is completely hidden when the liner is properly installed into the outer shell.

Pant Options

Yes | No

*** Accessories that will be included with the Pants; listed below, if any...

Pant Pockets

Yes | No

Pant pocket

Turn-Out Pockets

Yes | No

There shall be a 10" wide x 10" deep outside full bellows pockets that expand by means of side and bottom gussets to a thickness of 2" in front and back. Pockets shall be reinforced with KEVLAR® twill fully lined all 4 sides inside pocket. Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture to be provided by brass eyelets. Pocket flaps shall be 11" x 6". A hook and loop fastener closure system shall be set with 2" x 10" loop fastener horizontally on the pocket and (2) pieces of 2" x 4" hook fastener vertically on the underside of the flap.

Item Location for Above

Yes | No

Shall be located on the left thigh.

Turn-Out Pockets

Yes | No

There shall be a 9" wide x 10" high, outside full bellows pockets that expand by means of side and bottom gussets to a thickness of 2" in front and back. Pockets shall be fully lined with KEVLAR® twill on all 4 sides inside of pocket; two layers of KEVLAR® lined self-fabric on shell inside pocket. First layer 6.5" high, second layer 4.5" high. Both layers stitched in 3" increments to create six tool compartments. Pocket and flap shall be set with stitch 301, seam Ssb-2 with the top and bottom pocket corners and top corners of flap reinforced with bar tacks for additional strength. Drainage of moisture is to be provided by brass eyelets. Pocket flaps shall be 5" x 10". A hook and loop fastener closure system shall be set with 2" x 9" loop fastener horizontally on the pocket and three pieces of 1.5" x 3" hook fastener vertically on the underside of the flap.

Item Location for Above

Yes | No

Shall be located on the right thigh.

Suspender Tabs

Yes | No

Four 2" wide self material suspender tabs with 1.75x3" leather reinforcement shall be attached to waist with two on the front and two on the back. Each tab shall have two

male and two female logo snaps. Each tab shall be reinforced with two bartacks on each tab.

Suspenders

Yes | No

SCOPE

A highly engineered 42" black suspender designed for greater range of mobility and reduced stress allowing for four points of attachment, using self-fabric, leather-reinforced suspender tabs with snaps, to a V-Force™, traditional or contoured waist bunker pant. The shoulder pads shall have a one-inch wide lime/yellow Scotchlite strip located the entire length facing outward

DESIGN

Two 8" front pull straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through 2" metal loops and secured with a two-needle lock-stitch at one end. A black military finish steel double dee ring shall be fed through the webbing. The other end of the webbing shall be fed through a 2" wide thermo-plastic dee ring and secured with a two-needle lock-stitch. The dee ring shall function as a pull strap for easily adjusting the suspenders for proper fit.

Two 18" shoulder straps shall be constructed as follows: 2" wide non-elastic polyester webbing shall be fed through the top half of the steel double dee ring and secured with a two-needle lock-stitch. Two 7" back straps made of 2" wide elastic webbing shall be joined with a 2" overlap at the end of each shoulder strap with a single-needle lock stitch. The end of each back strap shall be fed through a 2" metal loop and secured with a two-needle lock stitch.

One 2 1/2" horizontal back strap made of 2" wide elastic webbing shall be set perpendicular between the two shoulder straps and back straps at the point of overlap, secured with a single-needle lock-stitch, and reinforced with a two-needle lock-stitch "X" through the joining straps.

Four 2" wide self-fabric suspender tabs with leather reinforcement, using 2 male and 2 female logo snaps for suspender attachment, shall be required on pants for use of these suspenders. Two self-fabric suspender tabs shall be attached to the back of the pant and to the front of the pant and reinforced with two bartacks each tab. Each self-fabric tab attached to the pants shall be fed through each 2" metal loop on the suspenders.

Each shoulder strap shall be encapsulated with a 2.25" wide x 13" long sheath of padding constructed of 1/8" thick fire-retardant closed-cell foam laminated to Nomex pajama check substrate. Shoulder pads shall start 1" up from the cross point of the horizontal back strap ("H" cross) and be bartacked at each end so they do not slide forward. The straps shall have a one-inch wide lime/yellow Scotchlite strip located the entire length, facing outward.

City of Chattanooga

Addendum #1

R170394 / B305181

Firefighters' Protective Clothing

- (1) The Due Date for bids has been changed. Bids should be delivered to the Purchasing Office before 2:00 PM on August 14, 2018.
- (2) The Specifications are hereby revised by the addition of the attached requirements.
- (3) Receipt of this Addendum should be acknowledged by including a signed copy of this Addendum with your Bid.

Receipt of Addendum #1 is hereby acknowledged by



Ronald Woodall

Ronald Woodall, Vice President
NAFECO



- **COAT WATER WELL:** A combination Chambray face cloth quilted to two layers of AraFlo E89 and one layer of breathable CROSSTECH® Black (Type 2F) moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end to form a sleeve well. A 3/4" wide strip of loop fastener shall be sewn full circumference to the end of the thermal liner leader to help secure the combination liner to the outer shell. A CROSSTECH® Black (Type 2F) moisture barrier leader shall be sewn no more than 1" back from the combination liner sleeve end. This leader shall be approximately 4" in length and end with a gathering of 1" elastic. This sleeve well shall prevent water and hazardous materials from entering the sleeve when arms are in a raised position. The combination liner sleeve ends shall be inserted into the outer shell sleeve ends and connected by means of a zipper. This method of combination liner attachment shall prevent any gaps from occurring between the combination liner and sleeve well during a full range of motion. The combination liner shall extend to within 1" of the sleeve end.
- **COAT COLLAR:** The liner collar shall be a layer of self-material and a layer of CROSSTECH® Black. The design shall be compatible with the outer shell so that the liner does not buckle, pull, or otherwise restrict body motion. The left and right fronts of the liner collar shall be attached to the facings at the front closure of the outer shell. The neck of the liner collar shall be secured to the neck of the outer shell collar such that when donning the coat an arm may not be accidentally caught between the outer shell and its inner linings. A 4" wide CROSSTECH® Black and 1.75" self-material extension shall be sewn the full length of the neck with attachment to the shell via zipper. The self-material extension shall overlap the shell collar to prevent exposure of the zipper. Collar closure shall be provided by hook and loop 1.5" x 4", with hook portion sewn on right side of collar, and loop portion sewn on left, set horizontal. The 3" split collar shall consist of two piece construction shaped for comfort. The collar shall be configured such that when the collar is raised it shall remain standing while providing continuous thermal and moisture protection around the neck and face. To ensure this protection, the two layers of outer shell collar shall be fully lined with a layer of CROSSTECH® Black. The shell collar shall provide proper interface with the liner to insure no moisture penetration through the collar seam to the inside of coat. The shell collar shall have a zipper for liner attachment. Collar shall be of such design so as not to interfere with SCBA face masks, or helmet.

PANTS

- **PANT FLY CLOSURE:** Just the below section.

THERMAL FLY ASSEMBLY: A thermoplastic zipper shall be sewn to the moisture barrier/thermal liner to engage corresponding zipper on the underside of the outside storm fly and facing.

City of Chattanooga

Addendum #2

R170394 / B305181

Firefighters' Protective Clothing

(1) The Specifications are hereby revised by the addition of the following requirement:

Delivery of goods must be completed within 45 days of placement of order.

(2) Receipt of this Addendum should be acknowledged by including a signed copy of this Addendum with your Bid.

Receipt of Addendum #2 is hereby acknowledged by



Ronald Woodall, Vice President
NAFECO

