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TUESDAY, MAY 8, 2018
CITY COUNCIL REVISED AGENDA
6:00 PM

- I. Call to Order.
- II. Pledge of Allegiance/Invocation (Councilwoman Coonrod).
- III. Minute Approval.
- IV. Special Presentations.

“Special Community Recognition”

By Councilman Russell Gilbert and North Brainerd Council

“City of Chattanooga’s Civil Rights Essay Contest Winner”

“Phoebe Mills”

By City Attorney Wade A. Hinton

- V. **Ordinances – Final Reading:**

PLANNING

- a. [2018-042 Jason Geraci \(R-3 Residential Zone to R-T/Z Residential Townhouse/Zero Lot Line Zone\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 906 and 912 East 14th Street, more particularly described herein, from R-3 Residential Zone to R-T/Z Residential Townhouse/Zero Lot Line Zone, subject to certain conditions. \(District 8\) \(Recommended for approval by Planning and Staff\)](#)

PUBLIC WORKS AND TRANSPORTATION

Public Works

- b. [MR-2018-006 DreamTech Homes, LLC \(Abandonment\). An ordinance closing and abandoning a sewer easement located at 1135 McNichol Lane, Tax Map No. 159O-A-026.01, as detailed on the attached map, subject to certain conditions. \(District 4\) \(Recommended for approval by Public Works\)](#)

VI. **Ordinances – First Reading:**

PLANNING

- a. 2018-075 Hillocks Farm Land Company, LLC c/o Duane Horton (Amend Conditions). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to amend Condition 2.1 of specific conditions for R-4 Zoning Ordinance No. 12809 of previous Case No. 2014-008 on part of property located at 6100 Highway 153, more particularly described herein, subject to certain conditions. (District 1) (Recommended for approval by Planning and recommended for denial as to Applicant's request)

2018-075 Hillocks Farm Land Company, LLC c/o Duane Horton (Amend Conditions). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to amend Condition 2.1 of specific conditions for R-4 Zoning Ordinance No. 12809 of previous Case No. 2014-008 on part of property located at 6100 Highway 153, more particularly described herein, subject to certain conditions. (Staff Version)

- b. 2018-077 Hillocks Farm Land Company, LLC c/o Duane Horton (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 at 6048 Highway 153, more particularly described herein, from R-1 Residential Zone to C-2 Convenience Commercial Zone. (District 1) (Recommended for approval by Planning)

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- c. 2018-078 Hillocks Farm Land Company, LLC c/o Duane Horton (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 at 6046 Highway 153, more particularly described herein, from R-1 Residential Zone to C-2 Convenience Commercial Zone. (District 1) (Recommended for approval by Planning)

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- d. 2018-079 Hillocks Farm Land Company, LLC c/o Duane Horton (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 at 6100 Highway 153, more particularly described herein, from C-2 Convenience Commercial Zone to R-4 Special Zone, subject to certain conditions. (District 1) (Recommended for approval by Planning and Staff)

- e. 2018-049 Aimee Allen (R-2 Residential Zone to R-3 Residential Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 600 Tremont Street, more particularly described herein, from R-2 Residential Zone to R-3 Residential Zone, subject to certain conditions. (District 2) (Recommended for approval by Planning and Staff)

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- f. 2018-052 John Jernigan, Jr. (R-1 Residential Zone to RZ-1 Zero Lot Line Residential Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 512 Tucker Street, more particularly described herein, from R-1 Residential Zone to RZ-1 Zero Lot Line Residential Zone. (District 2) (Recommended for approval by Planning and recommended for denial by Staff)

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- h. 2018-073 RTB Holdings, LLC and Dartmouth Properties, LLC (R-1 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 properties located at 1841, 1847, 1849, and 1853 (part) Knickerbocker Avenue, more particularly described herein, from R-1 Residential Zone to R-T/Z Residential Townhouse/Zero Lot Line Zone. (District 2) (Recommended for denial by Planning and Staff)

i. 2018-054 N & R Properties c/o Ross Timoshchuk (R-1 Residential Zone to RT-1 Residential Townhouse Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 7509 and 7513 Ziegler Road, more particularly described herein, from R-1 Residential Zone to RT-1 Residential Townhouse Zone. (District 4) (Recommended for approval by Planning and recommended for denial by Staff)

j. 2018-070 Pointe Development Company (R-1 Residential Zone to R-4 Special Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 7978 (part) and 8012 Shallowford Road, more particularly described herein, from R-1 Residential Zone to R-4 Special Zone, subject to certain conditions. (District 4) (Recommended for approval by Planning and recommended for denial by Staff)

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k. 2018-071 Danny White (R-2 Residential Zone to M-4 Outdoor Industrial Use Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 3439 Lightfoot Mill Road, more particularly described herein, from R-2 Residential Zone to M-4 Outdoor Industrial Use Zone. (District 5) (Recommended for approval by Planning and Staff)

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l. 2018-063 Ragan-Smith (R-3 Residential Zone to R-4 Special Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 7416 Lee Highway and 2735 Silverdale Road, more particularly described herein, from R-3 Residential Zone to R-4 Special Zone. (District 6) (Recommended for approval by Planning and Staff)

m. 2018-055 Bruce Robins (R-1 Residential Zone to a portion of C-2 Convenience Commercial Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 5006 13th Avenue, more particularly described herein, from R-1 Residential Zone to a portion of C-2 Convenience Commercial Zone. (District 7) (Recommended for approval by Planning and Staff)

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- n. 2018-067 City of Chattanooga-Regional Planning Agency (R-1 Residential Zone, R-2 Residential Zone, R-3 Residential Zone, and R-5 Residential Zone to permanent zones). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located off of the 1800 and 1900 blocks of Old Wauhatchie Pike and owned by the Lookout Mountain Conservancy, more particularly described herein, from R-1 Residential Zone, R-2 Residential Zone, R-3 Residential Zone, and R-5 Residential Zone to permanent zones, subject to certain conditions. (District 7) (Recommended for approval by Planning and Staff)

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- o. 2018-064 Collier Construction c/o Ethan Collier (M-1 Manufacturing Zone to UGC Urban General Commercial Zone). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 815 East Main Street, 1333 Central Avenue, and an unaddressed parcel of land in the 1300 block of Central Avenue, more particularly described herein, from M-1 Manufacturing Zone to UGC Urban General Commercial Zone, subject to certain conditions. (District 8) (Recommended for approval by Planning and Staff)

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- p. [2018-072 Matthew Ballard \(R-4 Special Zone to UGC Urban General Commercial Zone\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 1302 South Willow Street, more particularly described herein, from R-4 Special Zone to UGC Urban General Commercial Zone, subject to certain conditions. \(District 8\) \(Recommended for approval by Planning\)](#)

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- q. [2018-065 Chattanooga Neighborhood Enterprise c/o Bob McNutt \(R-1 Special Zone to UGC Urban General Commercial Zone\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone property located at 1715 Union Avenue, more particularly described herein, from R-4 Special Zone to UGC Urban General Commercial Zone, subject to certain conditions. \(District 9\) \(Recommended for approval by Planning and Staff\)](#)

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VII. **Resolutions:**

ECONOMIC AND COMMUNITY DEVELOPMENT

- a. [2018-01 SE First Holdings \(17-STVR-00044\). A resolution approving Short Term Vacation Rental Application No. 17-STVR-00044 for property located at 26 Trewhitt Street. \(District 1\)](#)
- b. [2018-02 April Collins \(18-STVR-00009\). A resolution approving Short Term Vacation Rental Application No. 18-STVR-00009 for property located at 3959 Kelly's Ferry Road. \(District 1\)](#)

- c. [2018-03 Will Campbell \(17-STVR-00020\). A resolution approving Short Term Vacation Rental Application No. 17-STVR-00020 for property located at 1609 Long Street. \(District 7\)](#)
- d. [2018-04 Adam Lutz and Peter Upton \(18-STVR-00023\). A resolution approving Short Term Vacation Rental Application No. 18-STVR-00023 for property located at 4302 Tennessee Avenue. \(District 7\)](#)

PLANNING

- e. [2018-044 Saurin Patel \(Special Exceptions Permit\). A resolution authorizing a Special Exceptions Permit for a Residential Planned Unit Development for property located in the 600 block of Julian Road \(given temporary address of 805 Worlick Way for Land Disturbance Permit\). \(District 4\) \(Recommended for approval by Planning and Staff\)](#)

POLICE

- f. [A resolution authorizing the Chief of the Chattanooga Police Department to execute a Master Service Agreement and Coplink License Service Agreement with Forensic Logic, LLC and also to execute a Memorandum of Understanding Chattanooga Area Node Share of Cost Agreement relative to law enforcement data sharing software solution, licensing maintenance, and data source integration maintenance, in the amount of \\$35,899.00.](#)

PUBLIC WORKS AND TRANSPORTATION

Public Works

- g. [A resolution authorizing the approval of Change Order No. 1 CDM Smith, Inc. relative to Contract No. W-12-024-101, MBWWTP Solids Process Optimization Implementation – Phase 3 Centrifuge and Digester Upgrades, a Consent Decree Project, for an increased amount of \\$334,500.00, for the revised contract amount of \\$1,708,050.00. \(District 1\) \(Consent Decree\)](#)
- h. [A resolution authorizing the award of Contract No. Y-17-016-201 to JDH Company, Inc. of Chattanooga, TN, Replacement Roofing System for Eastdale YFD Center Building, in the amount of \\$139,225.00, with a contingency amount of \\$14,000.00, for an amount not to exceed \\$152,225.00. \(District 9\)](#)

Transportation

- i. [A resolution authorizing the Chattanooga Area Convention and Visitor's Bureau % Shelda Rees to use temporarily the right-of-way along the northern side of the unit block of Riverside Drive \(between Chestnut Street and the Market Street Bridge\) for the purpose of installing historic TVA signs, as shown on the maps attached hereto and made a part hereof by reference, subject to certain conditions. \(District 7\)](#)

VIII. Purchases.

IX. Other Business.

a. **Approval of renewal certifications for grocery stores wishing to sell wine:**

1. Food City #[715, 703 Signal Mountain Road](#) (District 1)
2. Food City #[726, 3600 Hixson Pike](#) (District 2)
3. Food City #[703, 5604 Hixson Pike](#) (District 3)
4. Food City #[701, 7804 East Brainerd Road](#) (District 4)
5. Food City #[706, 4510 Highway 58](#) (District 5)
6. Food City #[759, 4011 Brainerd Road](#) (District 5)
7. Food City #[735, 6951 Lee Highway](#) (District 6)
8. Food City #[774, 9213 Lee Highway](#) (District 6)
9. Food City #[716, 3801 Tennessee Avenue](#) (District 7)
10. Food City #[705, 1600 East 23rd Street](#) (District 8)
11. Aldi #[92, 5510 Highway 153, Suite 1](#) (District 3)
12. Aldi #[91, 5706 Lee Highway](#) (District 5)

b. **City Attorney Report.**

X. Committee Reports.

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

XII. Adjournment.

TUESDAY, MAY 15, 2018
CITY COUNCIL AGENDA
6:00 PM

1. Call to Order.
2. Pledge of Allegiance/Invocation (Councilman Henderson).
3. Minute Approval.
4. Special Presentations.

“Older Americans Month Proclamation”
By Councilwoman Carol Berz

“Proclamation for Avondale YFD”
“Initiators of Tobacco Policy Change”
By Councilman Anthony Byrd

5. **Ordinances – Final Reading:**

PLANNING

- a. [2018-075 Hillocks Farm Land Company, LLC c/o Duane Horton \(Amend Conditions\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to amend Condition 2.1 of specific conditions for R-4 Zoning Ordinance No. 12809 of previous Case No. 2014-008 on part of property located at 6100 Highway 153, more particularly described herein, subject to certain conditions. \(District 1\) \(Recommended for approval by Planning and recommended for denial as to Applicant’s request\)](#)

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- o. [2018-064 Collier Construction c/o Ethan Collier \(M-1 Manufacturing Zone to UGC Urban General Commercial Zone\). An ordinance to amend Chattanooga City Code, Part II, Chapter 38, Zoning Ordinance, so as to rezone properties located at 815 East Main Street, 1333 Central Avenue, and an unaddressed parcel of land in the 1300 block of Central Avenue, more particularly described herein, from M-1 Manufacturing Zone to UGC Urban General Commercial Zone, subject to certain conditions. \(District 8\) \(Recommended for approval by Planning and Staff\)](#)

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6. **Ordinances – First Reading:**

PUBLIC WORKS AND TRANSPORTATION

Transportation

- a. MR-2018-046 Farrokh Ghamgosar/Azam Sohi (Abandonment). An ordinance closing and abandoning a portion of the 500 block of Stringer Street, as detailed on the attached map. (District 1) (Recommended for denial by Transportation and Staff)
- b. MR-2018-060 MAP Engineers/Napier Associates % Ken DeFoor (Abandonment). An ordinance closing and abandoning a portion of the 7300 block of McCutcheon Road to allow for private development, as detailed on the attached map, subject to certain conditions. (District 4) (Recommended for approval by Transportation and Staff)

7. **Resolutions:**

ECONOMIC AND COMMUNITY DEVELOPMENT

- a. A resolution authorizing the Administrator for the Department of Economic and Community Development, Division of Outdoor Chattanooga, is hereby authorized to enter into a contract with CivicPlus, Inc. for a management software system that will facilitate on-line reservations and payments for City Parks, Facilities, and Outdoor Chattanooga programs, in the amount of \$28,375.00.

HUMAN RESOURCES

- b. A resolution authorizing the Director of Human Resources to enter into an agreement with The Hartford to provide Long-Term Disability (LTD) insurance at the rate of \$0.48 per \$100.00 of covered salary and a Family Medical Leave Act (FMLA) Leave Management System at the rate of \$1.85 per member per month and will offer City employees voluntary Short-Term Disability (STD) insurance for a one (1) year term with two (2) one (1) year renewal options, in the amount of \$820,000.00.
- c. A resolution authorizing the Director of Human Resources to enter into an agreement with Unum Group to provide group life insurance at the rate of (\$0.119) per \$1,000.00 of covered salary and Accidental Death and Dismemberment (AD&D) insurance at the rate of (\$0.019) per \$1,000.00 of covered salary and will offer City employees voluntary life and AD&D insurance for a one (1) year term with two (2)

one (1) year renewal options, in the amount of \$505,000.00.

INFORMATION TECHNOLOGY

- d. A resolution authorizing the Chief Information Officer (CIO) to execute a blanket contract with Smart Systems (also known as Smart Homes) of Chattanooga to be providers of video and audio system products and services per supplier catalog for the period of one (1) year beginning May 16, 2018, through May 17, 2019, (with the option to extend for two (2) additional years), for an amount not to exceed \$250,000.00 per contract year.

MAYOR'S OFFICE

- e. A resolution to confirm the Mayor's appointment of Michael Strok to the Tree Advisory Commission.

PUBLIC WORKS AND TRANSPORTATION

Public Works

- f. A resolution authorizing the approval of Change Order No. 1 (Final) for P.F. Moon and Company, Inc. of West Point, GA, relative to Contract No. W-12-016-201, Citico CSTOF and Pump Station Improvements, a Consent Decree Project, for an increased amount of \$72,439.15, for a revised contract amount not to exceed \$2,385,439.15, and to release the remaining contingency amount of \$157,560.85. (District 8) (Consent Decree)

Transportation

- g. A resolution authorizing the Administrator for the Department of Transportation to enter into an agreement with Ragan-Smith Associates relative to Contract No. T-15-014-101 for professional services associated with the Woodmore Safe Routes to School-Midland Pike Sidewalk Project, in the amount of \$31,000.00, with a contingency amount of \$3,100.00, for a total amount of \$34,100.00. (District 5)
- h. A resolution authorizing the Administrator for the Department of Transportation to enter into an agreement with ASA Engineering & Consulting, Inc. relative to Contract No. T-14-002 for professional services associated with the construction, engineering, and inspection of retro-reflectivity sign project for various City streets in Chattanooga, in the amount of \$47,084.07, with a contingency amount of \$7,062.61, for a total amount of \$54,146.68.

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

Revised Agenda for Tuesday, May 8, 2018
Page 16

12. Adjournment.

Proposed City Council Purchases 5-8-18

DEPARTMENT REQUISITION NO.	ITEM DESCRIPTION	BIDS REQUESTED	BIDS RETURNED	LOWEST/BEST BIDDER	COST	FUND NAME	NOTES
R168100 Public Works	New Blanket Contract for Flow Meter Instrumentation Maintenance, Support, & Purchase-Waste Resources Division	8	2	American Control Service, LLC 106 County Road 1195 Vinemont, AL 35719	Estimated \$250,000 Annually	Interceptor Sewer Operations	New Blanket Contract for Flow Meter Instrumentation Maintenance, Support, & Purchase-Waste Resources Division. The new contract will be a period of twelve (12) months with two (2) renewal options. There were 8 direct bid solicitations and we received 2 responses in the publicly advertised bid proceedings. American Control Service, LLC was the best bid meeting specifications.
R167218 Public Works	Purchase of two (2) VFD & Control Cabinets-Waste Resources Division	8	9	Amtech Drives, Inc. 745 Trabert Ave. NW Atlanta, GA 30318	\$62,854.98	Interceptor Sewer Operations	Purchase of two (2) VFD & Control Cabinets-Waste Resources Division. There were 8 direct bid solicitations and we received 9 responses in the publicly advertised bid proceedings. Amtech Drives, Inc. was the best bid meeting specifications.
PO545300 Public Works	Increase of Authorized Expenditure on Blanket Contract for Generator Service & Repairs-Facilities Management	-	-	Energy Systems Southeast, LLC 2490 Weaver Way Atlanta, GA 30340	New Estimated \$150,000 Annually	General Fund	Increase of \$60,000 to Blanket PO545300 for for Generator Service & Repairs-Facilities Management. This change order is necessary to encompass payments through the end of the current contract term ending August, 2018.
R166905 Public Works	New Blanket Contract for Equipment Maintenance & Repair-City Wide Services	9	3	Chattanooga Tractor & Equipment 2034 Polymer Drive Chattanooga, TN 37421 and Power Equipment Company 4295 Bonny Oaks Drive Chattanooga, TN 37406	Total Estimated \$412,400 Annually	General Fund	New Blanket Contract for New Blanket Contract for Equipment Maintenance & Repair-City Wide Services. The new contract will be a period of twelve (12) months with two (2) renewal options. There were 9 direct bid solicitations and we received 3 responses in the publicly advertised bid proceedings. Chattanooga Tractor & Equipment and Power Equipment Company was the best bids meeting specifications.
PO543746 Public Works	Blanket Contract Renewal for Hand Tools for Local Pickup-City Wide Services	6	3	Roll-Aid Industrial Supply, Inc. PO Box 2346 Chattanooga, TN 37409	Estimated \$42,000 Annually	General Fund	Blanket Contract Renewal of PO543746 for for Hand Tools for Local Pickup-City Wide Services. There were 6 direct bid solicitations and we received 3 responses in the publicly advertised bid proceedings. Roll-Aid Industrial Supply, Inc was the best bid meeting specifications.
R167090 Fire Department	Purchase of sixty (60) Fire Hoses	3	4	Municipal Emergency Service 6701-C Northpark Blvd. Charlotte, NC 28216	\$28,740.00	General Fund	Purchase of sixty (60) Fire Hose-Fire Department. There were 3 direct bid solicitations and we received 4 responses in the publicly advertised bid proceedings. Municipal Emergency Service was the best bid meeting specifications.
R167166 Fire Department	Purchase of Fire Engine Exhaust Removal System	-	-	Air Vacuum Corporation PO Box 517 Dover, NH 03821	\$38,378.00	General Fund	Purchase of sixty (60) Fire Hose-Fire Department. TCA 6-56-304-2 allowed for this single source purchase, exempted from usual advertising and bidding requirements.
PO541634 Youth & Family Development	Blanket Contract Renewal for Cargo and Passenger Van Rental	3	1	Enterprise Rent-A-Car 209 Seaboard Lane Franklin, TN 37067	Estimated \$26,000 Annually	General Fund	Blanket Contract Renewal for Cargo and Passenger Van Rental-Youth & Family Development. The original invitation to bid was sent to 3 vendors as well as formally advertised. Bids were received from one vendor. City Ordinance 10913 allowed the award of the contract to Enterprise Rent-A-Car based upon receipt of only "one" bid after the requirement has been rebid.



City of Chattanooga

Mayor Andy Berke

May 2, 2018

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

Subject: 168100 / 305070 – Flow Meter Instrumentation Maintenance, Support & Purchase – Waste Resources Division – Public Works Department

Dear Mr. Holland:

Council approval is recommended to issue a twelve (12) month blanket contract for Flow Meter Instrumentation Maintenance, Support & Purchase, with the option for two (2) additional twelve (12) month terms for an estimated annual amount of \$250,000.

The invitation to bid was sent to eight (8) vendors as well as formally advertised. Bids were received from two (2) vendors as shown below. Bids are retained on file in the Purchasing Office for your review upon request.

Vendors

American Control Service, LLC
Adman Electric Company

Page 2

Flow Meter Instrumentation

I recommend awarding the blanket contract for Flow Meter Instrumentation Maintenance, Support & Purchase to American Control Service, LLC, 106 County Road 1195, Vinemont, AL 35719, as the best complete bids meeting all specifications for the City of Chattanooga. Adman Electric Company did not meet specification due to they do not have ABB factory trained technicians. Therefore, Waste Resource Division recommends awarding this purchase to American Control Service, LLC, who offers the best value bid which meets the specifications for the City of Chattanooga.

Respectfully yours,

A handwritten signature in cursive script that reads "Bonnie Woodward".

**Bonnie Woodward
Director of Purchasing**

BW/mlm

Attachments

Item #	Item	Quantity	American Control Service, LLC Unit Price	Adman Electric Unit Price
1	Labor Hourly Rate	1	\$ 125.00	\$ 85.00
2	Percent markup on materials and parts including new or replacement ABB Magmeters	9.5	See Fiat Rate Price List Included	18%

Flow Meter Instrumentation Maintenance & Support – Requisition 168100

American Control Service
106 County Road 1195
Vinemont, AL 35179

Carotek, Inc.
P.O. Box 1395
Matthews, NC 28106

Motion Industries Inc.
3740 Powers Ct, Ste. 400
Chattanooga, TN 37416

Brozelco, Inc.
4609 Resource Dr.
Chattanooga, TN 37416

Diversified Supply Inc.
210 N. Highland Park Ave.
Chattanooga, TN 37404

Adman Electric Co.
2311 E. 28th St.
Chattanooga, TN 37407

Nabco Electric Co.
P.O. Box 9397
Chattanooga, TN 37412

Southern Sales Company
2929 Kraft Drive
Nashville, TN 37204

BID SOLICITATION



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

BID OPENING DATE AND TIME:
 26-APR-18 at 2:00 PM

BID NUMBER: 305070

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:

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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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Requisition No.: 168100
 Ordering Dept.: Waste Resources
 Buyer: Geoffrey Hipp 423-643-7233

DESCRIPTION:
 This shall be a twelve (12) month blanket contract for Flow Meter Instrumentation Maintenance, Support and Purchase for the Waste Resources Division. The contract 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 bilaterally extend the contract by Written Confirmation by both parties at least 30 days prior to the contract's current expiration date into any successive term as provided herein.

ATTACHMENTS:
 - Specifications
 - Iran Divestment Act
 - Affirmative Action Plan
 - Standard Terms and Conditions:
 (<http://www.chattanooga.gov/purchasing/standard-terms-and-conditions>)

*** BIDS MUST BE RECEIVED NO LATER THAN ***
 ***** 2:00 PM ON APRIL 26, 2018 *****

PLEASE SUBMIT BIDS IN DUPLICATE INDICATING
 BID NUMBER (305070) ON OUTSIDE PACKAGING
 *

ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION, FREIGHT ALLOWED.

NOTE: 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.

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.

PRICE ESCALATION CLAUSE:
 All prices under this contract shall remain fixed during each twelve (12) month contract period. If as a result of a general change in prices or discounts, the contractor has changed prices to all of its customers, then, at the time of contract renewal, the price under this contract may be adjusted accordingly after acceptance. All price increases must be justified by providing a copy of the prevailing labor wage or material cost increases. Prompt notice of price changes (increases or reductions) must be furnished to the Purchasing Agent at least 30 days prior to the requested effective date and the prices for these services/materials shall remain firm for twelve (12) months. The effective date of price increases shall be the date the Purchasing Agent accepts the price changes or the effective date of increase stated by contractor's notice to Purchasing Agent, whichever is later.

PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION:

Company Name American Control Service, LLC
 Address 106 County Rd. 1195 Viremont, AL 35179
 Phone/Toll-Free No. (256) 735-0013
 Fax No. (256) 735-0015
 E-Mail Address justin@americancontrolservice.com

BID SOLICITATION



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

BID OPENING DATE AND TIME:
 26-APR-18 at 2:00 PM

BID NUMBER: 305070

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.

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
Contact Person's Name <u>Justin Goble</u>					
Estimated Delivery <u>2-8 weeks ARO, Depending on Sizes</u>					
Minority-Owned Business <input type="checkbox"/> Small Business <input type="checkbox"/> Veteran <input type="checkbox"/>					
Minority Woman Owned Business <input type="checkbox"/> Disabled Veteran <input type="checkbox"/>					
Women-Owned Business <input type="checkbox"/>					

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: (256) 620-3362

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

COMPANY: American Control Service, LLC

SIGNATURE: J. Goble

NAME AND TITLE: Justin Goble
Director of Sales

BID SOLICITATION



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

BID OPENING DATE AND TIME:
26-APR-18 at 2:00 PM
BID NUMBER: 305070

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:

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Hourly Labor Rate	1	Each	<u>\$125.00</u>	<u>2-Day Min.</u>
2	Percent markup on materials and parts including new or replacement ABB Magmeters	9.5	Each	<u>—</u> N/A: See Flat-Rate Pricing List Included	<u>—</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.

COMPANY: American Control Service

TERMS OF PAYMENT: Net 30

SIGNATURE: J. Cobble

TELEPHONE NUMBER: (256) 620-3362

NAME AND TITLE: Justin Cobble,
Director of Sales

No Contact/No Advocacy

Notice Receipt

City of Chattanooga
Purchasing Division

For Submission with Sealed Bid Solicitation Responses:

Justin Goble (Vendor Agent name), states that:

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

Service, LLC (Business name), the Submitter of the

attached sealed solicitation response to Solicitation # 305070, and said

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

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

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

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

Submitter Signature:

J. Goble

Printed Name:

Justin Goble

Title: Director of Sales

Date: April 24, 2018

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

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

(SIGNED) J. Gobble
(PRINTED NAME) Justin Gobble
(BUSINESS NAME) American Control Service
(DATE) April 24, 2018

For further information, please see website:

https://www.tn.gov/assets/entities/generalservices/cpo/attachments/List_of_persons_pursuant_to_Tenn._Code_Ann._12-12-106,_Iran_Divestment_Act-July.pdf

Affirmative Action Plan

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

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. During the term of all construction contracts or subcontracts in excess of \$10,000 to be performed for the City of Chattanooga, the following non-discriminatory hiring practices shall be employed to provide employment opportunities for minorities and women:
 - a. All help wanted ads placed in newspapers or other publications shall contain the phrase "Equal Employment Opportunity Employer".
 - b. Seek and maintain contracts with minority groups and human relations organizations as available.
 - c. Encourage present employees to refer qualified minority group and female applicants for employment opportunities.
 - d. Use only recruitment sources which state in writing that they practice equal opportunity. Advise all recruitment sources that qualified minority group members and women will be sought for consideration for all positions when vacancies occur.

5. Minority statistics are subject to audit by City of Chattanooga staff or other governmental agency.
6. The Contractor agrees to notify the City of Chattanooga of any claim or investigation by State or Federal agencies as to discrimination.

J. Cassie

(Signature of Contractor)

Director of Sales, American Control Service

(Title and Name of Company)

April 24, 2018

(Date)

Please Address PO to:
 American Control Service
 106 County Rd. 1195
 Vinemont, AL 35179
 Quotation# 490334

Date: 04/24/2018
 Requested By: City of Chattanooga
 Attention to: Geoffrey Hipp, Purchasing Agent

Prepared by: Justin Gobble
 Payment Terms: Net 30

Quote Validity: 04/24/2019

Address: 455 Moccasin Bend Rd.

City, State & Zip: Chattanooga, TN 37405
 Phone:
 E-Mail:

Shipping Leadtime: TBD – At Time of Order
 FOB Point: Various
 Freight Charges: Included (to MBWWTP)
 Taxes: As required
 Terms & Conditions: Per attached ABB/ACS General
 Terms & Conditions

Your Inquiry: MBWWTP RFQ / Contract Bid Flow Meter Maintenance & Purchase

- Pricing Below for Sizes 2" – 24", Standard, Non-Chemical Applications
- Pricing for Larger Sizes & Chemical Applications to be Conducted on As Needed Basis. However, unit pricing for these units shall not exceed last 'sold-to' pricing from 2017.
- Pricing includes high accuracy option for all sizes & 10m of signal cable. All units quoted are remote mount transmitters. Additional charges may apply should longer signal cable be required.
- Line Item 1200 is for spare remote transmitters.

Line	Quantity	Product Code	Lead Time	Unit Price(USD)	Extended Price(USD)
100	1	FEW325.050.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	15	1,667.27	1,667.27
200	1	FEW325.100.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	15	2,140.20	2,140.20
300	1	FEW325.150.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	15	2,539.45	2,539.45
400	1	FEW325.200.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	15	2,865.22	2,865.22
500	1	FEW325.250.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	15	3,309.98	3,309.98
600	1	FEW325.300.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	15	3,852.90	3,852.90
700	1	FEW325.350.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	30	4,682.63	4,682.63
800	1	FEW325.400.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	30	5,495.10	5,495.10
900	1	FEW325.450.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	40	6,522.96	6,522.96
1000	1	FEW325.500.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	40	7,768.29	7,768.29
1100	1	FEW325.600.H.1.D.4.A1.B.1.B.1.A.2.P.3. B.3.A.1-.JB..M5V3.CWM.T3	40	9,440.23	9,440.23
1200	1	FET125.1.A.0.P.1.B.3.A.1-..M5	15	1,065.00	1,065.00

Please Address PO to:
 American Control Service
 106 County Rd. 1195
 Vinemont, AL 35179
 Quotation# 490334

SECTION (B)

Item 100

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.050.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-.JB..M5V3.CWM.T3	1	1,667.27	1,667.27

FEW325

- Bore Diameter	050	DN 50 (2 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

Please Address PO to:
 American Control Service
 106 County Rd. 1195
 Vinemont, AL 35179
 Quotation# 490334

SECTION (B)

Item 200

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.100.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-JB..M5V3.CWM.T3	1	2,140.20	2,140.20

FEW325

- Bore Diameter	100	DN 100 (4 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

Please Address PO to:
 American Control Service
 106 County Rd. 1195
 Vinemont, AL 35179
 Quotation# 490334

SECTION (B)

Item 300

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.150.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-JB..M5V3.CWM.T3	1	2,539.45	2,539.45

FEW325

- Bore Diameter	150	DN 150 (6 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

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 American Control Service
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 Vinemont, AL 35179
 Quotation# 490334

SECTION (B)

Item 400

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.200.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-.JB..M5V3.CWM.T3	1	2,865.22	2,865.22

FEW325

- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Bore Diameter	200	DN 200 (8 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable

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 Quotation# 490334

SECTION (B)

Item 500

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.250.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-.JB..M5V3.CWM.T3	1	3,309.98	3,309.98

FEW325

- Bore Diameter	250	DN 250 (10 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

Please Address PO to:
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 Quotation# 490334

SECTION (B)

Item 600

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.300.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-JB..M5V3.CWM.T3	1	3,852.90	3,852.90

FEW325

- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points
- Bore Diameter	300	DN 300 (12 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration

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 Quotation# 490334

SECTION (B)

Item 700

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.350.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-.JB..M5V3.CWM.T3	1	4,682.63	4,682.63

FEW325

- Bore Diameter	350	DN 350 (14 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

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 Quotation# 490334

SECTION (B)

Item 800

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.400.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-JB..M5V3.CWM.T3	1	5,495.10	5,495.10

FEW325

- Bore Diameter	400	DN 400 (16 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

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 Quotation# 490334

SECTION (B)

Item 900

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.450.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A.1-.JB..M5V3.CWM.T3	1	6,522.96	6,522.96

FEW325

- Bore Diameter	450	DN 450 (18 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

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 Quotation# 490334

SECTION (B)

Item 1000

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.500.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-.JB..M5V3.CWM.T3	1	7,768.29	7,768.29

FEW325

- Bore Diameter	500	DN 500 (20 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

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 Quotation# 490334

SECTION (B)

Item 1100

WaterMaster FEW325 Electromagnetic Flowmeter system, full bore, DN 10... DN 600 (3/8 ... 24 in.),remote mount

Code	Quantity	Unit Price	Total Price
FEW325.600.H.1.D.4.A1.B.1.B.1.A.2.P.3.B.3.A. 1-JB..M5V3.CWM.T3	1	9,440.23	9,440.23

FEW325

- Bore Diameter	600	DN 600 (24 in.)
- Liner Material	H	Hard rubber
- Electrode Design	1	Standard
- Measuring Electrodes Material	D	Hastelloy C-4 (2.4610)
- Grounding Accessories	4	2x Potential Equalizing Rings (Stainless Steel)
- Process Connection Type	A1	Flanges ANSI / ASME B16.5 / 16.47 series B Class 150
- Process Connection Material	B	Carbon steel
- Usage Certifications	1	Standard (without PED)
- Calibration Type	B	High accuracy factory calibration
- Temperature Range of Installation / Ambient Temperature Range	1	Standard design / -20 ... 60 °C (-4 ... 140 °F)
- Name Plate	A	Adhesive label
- Signal Cable Length and Type	2	10 m (approx. 30 ft) cable
- Explosion Protection Certification	P	usFMc Div. 2
- Protection Class Transmitter / Protection Class Sensor	3	IP 67 (NEMA 4X) / IP 68 (NEMA 6P), cable fitted and potted, sensor is IP67 with PTFE liner
- Cable Conduits	B	NPT 1/2 in.
- Power Supply	3	100 ... 230 V AC, 60 Hz
- Input and Output Signal Type	A	HART + 20 mA + Pulse + Contact output
- Configuration Type / Diagnostics Type	1	Parameters set to factory defaults / Standard diagnostic functions activated
- Lay Length	JB	ISO Lay Length
- Documentation Language	M5	English (standard)
- Verification Type	V3	VeriMaster
- Potable Water and Food & Beverage Approvals	CWM	NSF material approval
- Number of Testpoints	T3	3 Points

Please Address PO to:
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Vinemont, AL 35179
Quotation# 490334

ABB INC.
GENERAL TERMS AND CONDITIONS OF SALE

1. **General.** The terms and conditions contained herein, together with any additional or different terms contained in ABB's Proposal, if any, submitted to Purchaser (which Proposal shall control over any conflicting terms), constitute the entire agreement (the "Agreement") between the parties with respect to the order and supersede all prior communications and agreements regarding the order. Acceptance by ABB of the order, or Purchaser's acceptance of ABB's Proposal, is expressly limited to and conditioned upon Purchaser's acceptance of these terms and conditions, payment for or acceptance of any performance by ABB being acceptance. These terms and conditions may not be changed or superseded by any different or additional terms and conditions proposed by Purchaser to which terms ABB hereby objects. Unless the context otherwise requires, the term "Equipment" as used herein means all of the equipment, parts, accessories sold, and all software and software documentation, if any, licensed to Purchaser by ABB ("Software") under the order. Unless the context otherwise requires, the term "Services" as used herein means all labor, supervisory, technical and engineering, installation, repair, consulting or other services provided by ABB under the order. As used herein, the term "Purchaser" shall include the initial end use of the Equipment and/or services; provided, however, that Paragraph 13(a) shall apply exclusively to the initial end user.
2. **Prices.**
 - (a) Unless otherwise specified in writing, all Proposals expire thirty (30) days from the date thereof.
 - (b) Unless otherwise stated herein, Services prices are based on normal business hours (8 a.m. to 5 p.m. Monday through Friday). Overtime and Saturday hours will be billed at one and one-half (1 1/2) times the hourly rate; and Sunday hours will be billed at two (2) times the hourly rate; holiday hours will be billed at three (3) times the hourly rate. If a Services rate sheet is attached hereto, the applicable Services rates shall be those set forth in the rate sheet. Rates are subject to change without notice.
 - (c) The price does not include any federal, state or local property, license, privilege, sales, use, excise, gross receipts, or other like taxes which may now or hereafter be applicable. Purchaser agrees to pay or reimburse any such taxes which ABB or its suppliers are required to pay or collect. If Purchaser is exempt from the payment of any tax or holds a direct payment permit, Purchaser shall, upon order placement, provide ABB a copy, acceptable to the relevant governmental authorities of any such certificate or permit.
 - (d) The price includes customs duties and other importation or exportation fees, if any, at the rates in effect on the date of ABB's Proposal. Any change after that date in such duties, fees, or rates, shall increase the price by ABB's additional cost.
3. **Payment.**
 - (a) Unless specified to the contrary in writing by ABB, payment terms are net cash, payable without offset, in United States Dollars, 30 days from date of invoice by wire transfer to the account designated by ABB in the Proposal.
 - (b) If in the judgment of ABB the financial condition of Purchaser at any time prior to delivery does not justify the terms of payment specified, ABB may require payment in advance, payment security satisfactory to ABB, or may terminate the order, whereupon ABB shall be entitled to receive reasonable cancellation charges. If delivery is delayed by Purchaser, payment shall be due on the date ABB is prepared to make delivery. Delays in delivery or nonconformities in any installments delivered shall not relieve Purchaser of its obligation to accept and pay for remaining installments.
 - (c) Purchaser shall pay, in addition to the overdue payment, a late charge equal to the lesser of 1 1/2% per month or any part thereof or the highest applicable rate allowed by law on all such overdue amounts plus ABB's attorneys' fees and court costs incurred in connection with collection.
4. **Changes.**
 - (a) Any changes requested by Purchaser affecting the ordered scope of work must be accepted by ABB and resulting adjustments to affected provisions, including price, schedule, and guarantees mutually agreed in writing prior to implementation of the change.
 - (b) ABB may, at its expense, make such changes in the Equipment or Services as it deems necessary, in its sole discretion, to conform the Equipment or Services to the applicable specifications. If Purchaser objects to any such changes, ABB shall be relieved of its obligation to conform to the applicable specifications to the extent that conformance may be affected by such objection.
5. **Delivery.**
 - (a) All Equipment manufactured, assembled or warehoused in the continental United States is delivered F.O.B. point of shipment. Equipment shipped from outside the continental United States is delivered F.O.B. United States port of entry. Purchaser shall be responsible for any and all demurrage or detention charges.
 - (b) If the scheduled delivery of Equipment is delayed by Purchaser or by Force Majeure, ABB may move the Equipment to storage for the account of and at the risk of Purchaser whereupon it shall be deemed to be delivered.
 - (c) Shipping and delivery dates are contingent upon Purchaser's timely approvals and delivery by Purchaser of any documentation required for ABB's performance hereunder.
 - (d) Claims for shortages or other errors in delivery must be made in writing to ABB within ten days of delivery. Equipment may not be returned except with the prior written consent of and subject to terms specified by ABB. Claims for damage after delivery shall be made directly by Purchaser with the common carrier.
6. **Title & Risk of Loss.** Except with respect to Software (for which title shall not pass, use being licensed) title to Equipment shall remain in ABB until fully paid for. Notwithstanding any agreement with respect to delivery terms or payment of transportation charges, risk of loss or damage shall pass to Purchaser upon delivery.
7. **Inspection, Testing and Acceptance.**
 - (a) Any inspection by Purchaser of Equipment on ABB's premises shall be scheduled in advance to be performed during normal working hours.
 - (b) If the order provides for factory acceptance testing, ABB shall notify Purchaser when ABB will conduct such testing prior to shipment. Unless Purchaser states specific objections in writing within ten (10) days after completion of factory acceptance testing, completion of the acceptance test constitutes Purchaser's factory acceptance of the Equipment and its authorization for shipment.
 - (c) If the order provides for site acceptance testing, testing will be performed by ABB personnel to verify that the Equipment has arrived at site complete, without physical damage, and in good operating condition. Completion of site acceptance testing constitutes full and final acceptance of the Equipment. If, through no fault of ABB, acceptance testing is not completed within thirty (30) days after arrival of the Equipment at the site, the site acceptance test shall be deemed completed and the Equipment shall be deemed accepted.
8. **Warranties and Remedies.**
 - (a) Equipment and Services Warranty. ABB warrants that Equipment (excluding Software, which is warranted as specified in paragraph (d) below) shall be delivered free of defects in material and workmanship and that Services shall be free of defects in workmanship. The Warranty Remedy Period for Equipment (excluding Software, Spare Parts and Refurbished or Repaired Parts) shall end twelve (12) months after installation or eighteen (18) months after date of shipment, whichever first occurs. The Warranty Remedy Period for new spare parts shall end twelve (12) months after date of shipment. The Warranty Remedy Period for refurbished or repaired parts shall end ninety (90) days after date of shipment. The Warranty Remedy Period for Services shall end ninety (90) days after the date of completion of Services.
 - (b) Equipment and Services Remedy. If a nonconformity to the foregoing warranty is discovered in the Equipment or Services during the applicable Warranty Remedy Period, as specified above, under normal and proper use and provided the Equipment has been properly stored, installed, operated and maintained and written notice of such nonconformity is provided to ABB promptly after such discovery and within the applicable Warranty Remedy Period, ABB shall, at its option, either (i) repair or replace the nonconforming portion of the Equipment or re-perform the nonconforming Services or (ii) refund the portion of the price applicable to the nonconforming portion of Equipment or Services. If any portion of the Equipment or Services so repaired, replaced or re-performed fails to conform to the foregoing warranty, and written notice of such nonconformity is provided to ABB promptly after discovery and within the original Warranty Remedy Period applicable to such Equipment or Services or 30 days from completion of such repair, replacement or re-performance, whichever is later, ABB will repair or replace such nonconforming Equipment or re-perform the nonconforming Services. The original Warranty Remedy Period shall not otherwise be extended.
 - (c) Exceptions. ABB shall not be responsible for providing working access to the nonconforming Equipment, including disassembly and re-assembly of non-ABB supplied equipment, or for providing transportation to or from any repair facility, all of which shall be at Purchaser's risk and expense. ABB shall have no obligation hereunder with respect to any Equipment which (i) has been improperly repaired or altered; (ii) has been subjected to misuse, negligence or accident; (iii) has been used in a manner contrary to ABB's instructions; (iv) is comprised of materials provided by or a design specified by Purchaser; or (v) has failed as a result of ordinary wear and tear. Equipment supplied by ABB but manufactured by others is warranted only to the extent of the manufacturer's warranty, and only the remedies, if any, provided by the manufacturer will be allowed.
 - (d) Software Warranty and Remedies. ABB warrants that, except as specified below, the Software will, when properly installed, execute in accordance with ABB's published specification. If a nonconformity to the foregoing warranty is discovered during the period ending one (1) year after the date of shipment and written notice of such nonconformity is provided to ABB promptly after such discovery and within that period, including a description of the nonconformity and complete information about the manner of its discovery, ABB shall correct the nonconformity by, at its option, either (i) modifying or making available to the Purchaser instructions for modifying the Software; or (ii) making available at ABB's facility necessary corrected or replacement programs. ABB shall have no obligation with respect to any nonconformities resulting from (j) unauthorized modification of the Software or (ii) Purchaser-supplied software or interfacing. ABB does not warrant that the functions contained in the software will operate in combinations which may be selected for use by the Purchaser, or that the software products are free from errors in the nature of what is commonly categorized by the computer industry as "bugs".
 - (e) THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF QUALITY AND PERFORMANCE, WHETHER WRITTEN, ORAL OR IMPLIED, AND ALL OTHER WARRANTIES INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USAGE OF TRADE ARE HEREBY DISCLAIMED. THE REMEDIES STATED HEREIN CONSTITUTE PURCHASER'S EXCLUSIVE REMEDIES AND ABB'S ENTIRE LIABILITY FOR ANY BREACH OF WARRANTY.
9. **Patent Indemnity.**
 - (a) ABB shall defend at its own expense any action brought against Purchaser alleging that the Equipment or the use of the Equipment to practice any process for which such Equipment is specified by ABB (a "Process") directly infringes any claim of a patent of the United States of America and to pay all damages and costs finally awarded in any such action, provided that Purchaser has given ABB prompt written notice of such action, all necessary assistance in the defense thereof and the right to control all aspects of the defense thereof including the right to settle or otherwise terminate such action in behalf of Purchaser.
 - (b) ABB shall have no obligation hereunder and this provision shall not apply to: (i) any other equipment or processes, including Equipment or Processes which have been modified or combined with other equipment or process not supplied by ABB; (ii) any Equipment or Process supplied according to a design, other than an ABB design, required by Purchaser; (iii) any products manufactured by the Equipment or Process; (iv) any patent issued after the date hereof; or (v) any action settled or otherwise terminated without the prior written consent of ABB.
 - (c) If, in any such action, the Equipment is held to constitute an infringement, or the practice of any Process using the Equipment is finally enjoined, ABB shall, at its option and its own expense, procure for Purchaser the right to continue using said Equipment, or modify or replace it with non-infringing equipment or, with Purchaser's assistance, modify the Process so that it becomes non-infringing; or remove it and refund the portion of the price allocable to the infringing Equipment. THE FOREGOING PARAGRAPHS STATE THE ENTIRE LIABILITY OF ABB AND EQUIPMENT MANUFACTURER FOR ANY PATENT INFRINGEMENT.
 - (d) To the extent that said Equipment or any part thereof is modified by Purchaser, or combined by Purchaser with equipment or processes not furnished hereunder (except to the extent that ABB is a contributory infringer) or said Equipment or any part thereof is used by Purchaser to perform a process not furnished hereunder by ABB or to produce an article, and by reason of said modification, combination, performance or production, an action is brought against ABB, Purchaser shall defend and indemnify ABB in the same manner and to the same extent that ABB would be obligated to indemnify Purchaser under this "Patent Indemnity" provision.
10. **Limitation of Liability.**
 - (a) In no event shall ABB, its suppliers or subcontractors be liable for special, indirect, incidental or consequential damages, whether in contract, warranty, tort, negligence, strict liability or otherwise, including, but not limited to, loss of profits or revenue, loss of use of the Equipment or any associated equipment, cost of capital, cost of substitute equipment, facilities or services, downtime costs, delays, and claims of customers of the Purchaser or other third parties for any damages. ABB's liability for any claim whether in contract, warranty, tort, negligence, strict liability, or otherwise for any loss or damage arising out of,

Please Address PO to:
American Control Service
106 County Rd. 1195
Vinemont, AL 35179
Quotation# 490334

connected with, or resulting from this Agreement or the performance or breach thereof, or from the design, manufacture, sale, delivery, resale, repair, replacement, installation, technical direction of installation, inspection, operation or use of any equipment covered by or furnished under this Agreement, or from any services rendered in connection therewith, shall in no case (except as provided in the section entitled "Patent Indemnity") exceed one-half (1/2) of the purchase price allocable to the Equipment or part thereof or Services which gives rise to the claim.

(b) All causes of action against ABB arising out of or relating to this Agreement or the performance or breach hereof shall expire unless brought within one year of the time of accrual thereof.

(c) In no event, regardless of cause, shall ABB be liable for penalties or penalty clauses of any description or for indemnification of Purchaser or others for costs, damages, or expenses arising out of or related to the Equipment and/Services.

11. Laws and Regulations. ABB does not assume any responsibility for compliance with federal, state or local laws and regulations, except as expressly set forth herein, and compliance with any laws and regulations relating to the operation or use of the Equipment or Software is the sole responsibility of the Purchaser. All laws and regulations referenced herein shall be those in effect as of the Proposal date. In the event of any subsequent revisions or changes thereto, ABB assumes no responsibility for compliance therewith. If Purchaser desires a modification as a result of any such change or revision, it shall be treated as a change per Article 4. Nothing contained herein shall be construed as imposing responsibility or liability upon ABB for obtaining any permits, licenses or approvals from any agency required in connection with the supply, erection or operation of the Equipment. This Agreement shall be governed by the laws of the State of New York, but excluding the provisions of the United Nations Convention on Contracts for the International Sale of Goods and excluding New York law with respect to conflicts of law. Purchaser agrees that all causes of action against ABB under this Agreement shall be brought in the State Courts of the State of New York, or the U.S. District Court for the Southern District of New York. If any provision hereof, partly or completely, shall be held invalid or unenforceable, such invalidity or unenforceability shall not affect any other provision or portion hereof and these terms shall be construed as if such invalid or unenforceable provision or portion thereof had never existed.

12. OSHA. ABB warrants that the Equipment will comply with the relevant standards of the Occupational Safety and Health Act of 1970 ("OSHA") and the regulations promulgated thereunder as of the date of the Proposal. Upon prompt written notice from the Purchaser of a breach of this warranty, ABB will replace the affected part or modify it so that it conforms to such standard or regulation. ABB's obligation shall be limited to such replacement or modification. In no event shall ABB be responsible for liability arising out of the violation of any OSHA standards relating to or caused by Purchaser's design, location, operation, or maintenance of the Equipment, its use in association with other equipment of Purchaser, or the alteration of the Equipment by any party other than ABB.

13. Software License.

(a) ABB owns all rights in or has the right to sublicense all of the Software, if any, to be delivered to Purchaser under this Agreement. As part of the sale made hereunder Purchaser hereby obtains a limited license to use the Software, subject to the following: (i) The Software may be used only in conjunction with equipment specified by ABB; (ii) The Software shall be kept strictly confidential; (iii) The Software shall not be copied, reverse engineered, or modified; (iv) The Purchaser's right to use the Software shall terminate immediately when the specified equipment is no longer used by the Purchaser or when otherwise terminated, e.g. for breach, hereunder; and (v) the rights to use the Software are non-exclusive and non-transferable, except with ABB's prior written consent.

(b) Nothing in this Agreement shall be deemed to convey to Purchaser any title to or ownership in the Software or the intellectual property contained therein in whole or in part, nor to designate the Software a "work made for hire" under the Copyright Act, nor to confer upon any person who is not a named party to this Agreement any right or remedy under or by reason of this Agreement. In the event of termination of this License, Purchaser shall immediately cease using the Software and, without retaining any copies, notes or excerpts thereof, return to ABB the Software and all copies thereof and shall remove all machine readable Software from all of Purchaser's storage media.

14. Inventions and Information. Unless otherwise agreed in writing by ABB and Purchaser, all right, title and interest in any inventions, developments, improvements or modifications of or for Equipment and Services shall remain with ABB. Any design, manufacturing drawings or other information submitted to the Purchaser remains the exclusive property of ABB. Purchaser shall not, without ABB's prior written consent, copy or disclose such information to a third party. Such information shall be used solely for the operation or maintenance of the Equipment and not for any other purpose, including the duplication thereof in whole or in part.

15. Force Majeure. ABB shall neither be liable for loss, damage, detention or delay nor be deemed to be in default for failure to perform when prevented from doing so by causes beyond its reasonable control including but not limited to acts of war (declared or undeclared), Acts of God, fire, strike, labor difficulties, acts or omissions of any governmental authority or of Purchaser, compliance with government regulations, insurrection or riot, embargo, delays or shortages in transportation or inability to obtain necessary labor, materials, or manufacturing facilities from usual sources or from defects or delays in the performance of its suppliers or subcontractors due to any of the foregoing enumerated causes. In the event of delay due to any such cause, the date of delivery will be extended by period equal to the delay plus a reasonable time to resume production, and the price will be adjusted to compensate ABB for such delay.

16. Cancellation. Any order may be cancelled by Purchaser only upon prior written notice and payment of termination charges, including but not limited to, all costs identified to the order incurred prior to the effective date of notice of termination and all expenses incurred by ABB attributable to the termination, plus a fixed sum of ten (10) percent of the final total price to compensate for disruption in scheduling, planned production and other indirect costs.

17. Termination. No termination by Purchaser for default shall be effective unless, within fifteen (15) days after receipt by ABB of Purchaser's written notice specifying such default, ABB shall have failed to initiate and pursue with due diligence correction of such specified default.

18. Export Control.

(a) Purchaser represents and warrants that the Equipment and Services provided hereunder and the "direct product" thereof are intended for civil use only and will not be used, directly or indirectly, for the production of chemical or biological weapons or of precursor chemicals for such weapons, or for any direct or indirect nuclear end use. Purchaser agrees not to disclose, use, export or re-export, directly or indirectly, any information provided by ABB or the "direct product" thereof as defined in the Export Control Regulations of the United States Department of Commerce, except in compliance with such Regulations.

(b) If applicable, ABB shall file for a U.S. export license, but only after appropriate documentation for the license application has been provided by Purchaser. Purchaser shall furnish such documentation within a reasonable time after order acceptance. Any delay in obtaining such license shall suspend performance of this Agreement by ABB. If an export license is not granted or, if once granted, is thereafter revoked or modified by the appropriate authorities, this Agreement may be canceled by ABB without liability for damages of any kind resulting from such cancellation. At ABB's request, Purchaser shall provide to ABB a Letter of Assurance and End-User Statement in a form reasonably satisfactory to ABB.

19. Assignment. Any assignment of this Agreement or of any rights or obligations under the Agreement without prior written consent of ABB shall be void.

20. Nuclear Insurance - Indemnity. For applications in nuclear projects, the Purchaser and/or its end user customer shall have complete insurance protection against liability and property damage resulting from a nuclear incident to and shall indemnify ABB, its subcontractors, suppliers and vendors against all claims resulting from a nuclear incident.

21. Resale. If Purchaser resells any of the Equipment, the sale terms shall limit ABB's liability to the buyer to the same extent that ABB's liability to Purchaser is limited hereunder.

22. Entire Agreement. This Agreement constitutes the entire agreement between ABB and Purchaser. There are no agreements, understandings, restrictions, warranties, or representations between ABB and Purchaser other than those set forth herein or herein provided.



City of Chattanooga

Mayor Andy Berke

May 2, 2018

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

Subject: 167218 / 305057 – VFD & Control Cabinets – Waste Resources Division –
Public Works Department

Dear Mr. Holland:

Council approval is recommended to issue a purchase order for the purchase of two (2) VFD & Control Cabinets for Waste Resources Division, Public Works Department.

The invitation to bid was sent to eight (8) vendors as well as formally advertised. Nine (9) responses were received as shown below and on the attachment. Copies of the bids are retained on file and available for review in the Purchasing Office upon request.

<u>Bidder</u>	<u>Bid</u>
Plant Drives & Systems Inc	\$ 56,454.00
Amtech Drives Inc	\$ 62,854.98
Logical Systems, LLC	\$ 64,991.00
Gexpro	\$ 67,105.26
Power & Control Distributors, Inc	\$ 75,398.00
Rome Electric Motor Works	\$ 78,520.00
Tekwell Services	\$ 82,432.00
Chattanooga Armature Works	\$ 83,600.00
Plant Drives & Systems Inc	\$ 90,938.00

Page 2

VFD & Control Cabinets

I recommend awarding this purchase to Amtech Drives Inc, 745 Trabert Avenue NW, Atlanta, GA 30318 in the amount of \$62,854.98. Plant Drives & Systems bid a VFD & Control Cabinet that did not meet specifications, Section 2.01 of the specifications states that this should be a TECO-Westinghouse drive and that substitutions are not permitted. Therefore, Waste Resource Division recommends awarding this purchase to Amtech Drives Inc., who offers the best value bid which meets the specifications for the City of Chattanooga.

Respectfully yours,



**Bonnie Woodward
Director of Purchasing**

BW/mlm

Attachments

Item #	Item	Qty	Rome Electric Motor Works Unit Price	Amtech Drives, Inc Unit Price	Chattanooga Armature Works Unit Price	Gexpro Unit Price	Power and Control Distributors, Inc Unit Price	Plant Drives & Systems Inc, Quote# 18-1143 Unit Price	Plant Drives & Systems Inc, Quote# 18-1139 Unit Price	Logical Systems, LLC Unit Price	Tekwell Services Unit Price
1	Variable-Frequency Drive and Control Cabinets	2	\$ 78,520.00	\$ 62,854.98	\$83,600.00	\$67,105.26	\$75,398.00	\$90,938.00	\$56,454.00	\$64,991.00	\$82,432.00

Rome Electric did not send the with their bid
 Addendum #2 back that changed the quantity of the
 bid to 2. They did not resubmit a bid. They only bid
 the 1 VFD & Control Cabinet at \$39,260.

VFD and Control Cabinet – Requisition 167218

Graybar Electric
6013 John Douglass Dr.
Chattanooga, TN 37421

Rome Electric Motor Works Inc.
36 Westside Ind. Blvd.
Rome, GA 30165

Chattanooga Armature Works
1209 E. 23rd St.
Chattanooga, TN 37408

Creswell Richardson
900 Appling St.
Chattanooga, TN 37421

Gexpro
2800 Amnicola Hwy
Chattanooga, TN 37406

Tekwell Services
1301 Galway St.
Knoxville, TN 37917

Amtech Drives Inc.
745 Trabert Ave. NW
Atlanta, GA 30350

Cole Electric Technology Inc.
3980 Martin Luther King Jr. Dr.
Atlanta, GA 30336

BID SOLICITATION



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

BID OPENING DATE AND TIME:
 10-APR-18 at 2:00 PM

BID NUMBER: 305057

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.

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
Requisition No.: 167218 Ordering Dept.: Waste Resources Buyer: Geoffrey Hipp 423-643-7233 DESCRIPTION: VFD and Control Cabinet per specifications ATTACHMENTS: - Specifications - Iran Divestment Act - Affirmative Action Plan - Standard Terms and Conditions: (http://www.chattanooga.gov/purchasing/standard-terms-and-conditions) *** BIDS MUST BE RECEIVED NO LATER THAN *** ***** 2:00 PM ON APRIL 10, 2018 ***** PLEASE SUBMIT BIDS IN DUPLICATE INDICATING BID NUMBER (305057) ON OUTSIDE PACKAGING ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION, FREIGHT ALLOWED. NOTE: 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. 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. PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION: Company Name <u>Amtech Drives, Inc.</u> Address <u>745 Trabert Ave NW Atlanta, GA 30318</u> Phone/Toll-Free No. <u>(770) 469 5240</u> Fax No. _____ E-Mail Address <u>benp@amtechdrives.com</u> Contact Person's Name <u>Bhavin Patel</u> Estimated Delivery <u>3 to 5 weeks</u> Minority-Owned Business <input checked="" type="checkbox"/> Small Business <input type="checkbox"/> Veteran <input type="checkbox"/> Minority Woman Owned Business <input checked="" type="checkbox"/> Disabled Veteran <input type="checkbox"/> Women-Owned Business <input checked="" type="checkbox"/>					

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 days

TELEPHONE NUMBER: (770) 469 5240

COMPANY: Amtech Drives, Inc.
 SIGNATURE: *Bhavin Patel*
 NAME AND TITLE: Bhavin Patel, Director

BID SOLICITATION



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

BID OPENING DATE AND TIME:
10-APR-18 at 2:00 PM
BID NUMBER: 305057

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:

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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	Variable Frequency Drive and Control Cabinet per specifications	2	Each	\$ 31,427.49	\$ 62,854.98

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: (770) 469 5240

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

COMPANY: Amtech Drives, Inc.
SIGNATURE: [Signature]
NAME AND TITLE: Bhavin Patel, Director

**SPECIFICATIONS FOR
VARIABLE FREQUENCY DRIVE AND CONTROL CABINET
MOCCASIN BEND WASTEWATER TREATMENT PLANT
CHATTANOOGA TENNESSEE
March 2018**

1.0 GENERAL INFORMATION

This specification is for the purchase of one (1) 300HP variable frequency drive and control cabinet.

The equipment will be used at the Moccasin Bend Wastewater Treatment Plant Influent Relief Pump Station. This specification describes the type of equipment needed and is for the equipment only. The City's contractor will install the equipment.

2.0 GENERAL SPECIFICATIONS

- 2.1 A minimum 1 year warranty is required
- 2.2 Vendor shall include all shipping cost in bid and state delivery time after receipt of PO.
- 2.3 Delivery shall be to 455 Moccasin Bend Road, Chattanooga Tenn., 37405.
- 2.4 City shall unload
- 2.5 All potential vendors are strongly encouraged to attend a pre-bid meeting / walk thru at the Moccasin Bend Wastewater Treatment Plant Operations and Control conference room on Monday, March 26th, 2018 at 2:00 pm.
- 2.6 Drawings of the project are attached showing the material and the installation. Bids are requested on the material only.

3.0 TECHNICAL SPECIFICATIONS

SECTION 26 29 23

VARIABLE-FREQUENCY MOTOR CONTROLLERS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Variable frequency controllers.

1.02 REFERENCE STANDARDS

- A. NEMA ICS 7.1 - Safety Standards for Construction and Guide for Selection, Installation, and Operation of Adjustable-Speed Drive Systems; 2014.
- B. NEMA ICS 7 - Industrial Control and Systems: Adjustable-Speed Drives; 2014.
- C. NEMA 250 - Enclosures for Electrical Equipment (1000 Volts Maximum); 2014.
- D. NETA ATS - Acceptance Testing Specifications for Electrical Power Equipment and Systems; 2013.
- E. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.03 SUBMITTALS

- A. Product Data: Provide catalog sheets showing voltage, controller size, ratings and size of switching and overcurrent protective devices, short circuit ratings, dimensions, and enclosure details.
- B. Shop Drawings: Indicate front and side views of enclosures with overall dimensions and weights shown; conduit entrance locations and requirements; and nameplate legends.
- C. Test Reports: Indicate field test and inspection procedures and test results.
- D. Manufacturer's Instructions: Indicate application conditions and limitations of use stipulated by testing agency. Include instructions for storage, handling, protection, examination, preparation, and installation of product.
- E. Manufacturer's Field Reports: Indicate start-up inspection findings.
- F. Operation Data: NEMA ICS 7.1. Include instructions for starting and operating controllers, and describe operating limits that may result in hazardous or unsafe conditions.
- G. Maintenance Data: NEMA ICS 7.1. Include routine preventive maintenance schedule.
- H. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
 - 1. Extra Air Filters: Two of each type.

1.04 QUALITY ASSURANCE

- A. Conform to requirements of NFPA 70.
- B. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience and with service facilities within 100 miles (160 km) of Project.
- C. Products: Listed, classified, and labeled as suitable for the purpose intended.

1.05 WARRANTY

- A. The manufacturer warrants the materials and workmanship of the drive to be free from defect for a period of thirty-six (36) months from date of shipment.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. TECO - Westinghouse.
- B. Substitutions: Not permitted

2.02 DESCRIPTION

- A. Variable Frequency Controllers: Enclosed controllers suitable for operating the indicated loads, in conformance with requirements of NEMA ICS 7. Select unspecified features and options in accordance with NEMA ICS 3.1.
 - 1. Employ microprocessor-based inverter logic isolated from power circuits.
 - 2. Employ pulse-width-modulated inverter system.
 - 3. Design for ability to operate controller with motor disconnected from output.
- B. Enclosures: NEMA 250, Type 4, suitable for equipment application in places accessible only to qualified personnel.
- C. Enclosure shall have integral Air Conditioning
- D. Finish: Manufacturer's standard enamel.

2.03 OPERATING REQUIREMENTS

- A. Rated Input Voltage: 480 volts, three phase, 60 Hertz.
- B. Displacement Power Factor: Between 1.0 and 0.95, lagging, over entire range of operating speed and load.
- C. Operating Ambient: 0 degrees C to 40 degrees C.
- D. Minimum Efficiency at Full Load: 97 percent.
- E. Volts Per Hertz Adjustment: Plus or minus 10 percent.
- F. Current Limit Adjustment: 60 to 110 percent of rated.
- G. Acceleration Rate Adjustment: 0.5 to 30 seconds.
- H. Deceleration Rate Adjustment: 1 to 30 seconds.
- I. Input Signal: 4 to 20 mA DC.
- J. Constant Torque (Heavy Duty 150% overload capability)

2.04 COMPONENTS

- A. Display: Provide integral digital display to indicate output voltage, output frequency, and output current.
- B. Status Indicators: Separate indicators for overcurrent, overvoltage, ground fault, overtemperature, input power ON and voltage indicator for each phase.
- C. Furnish HAND-OFF-AUTOMATIC selector switch and manual speed control.
- D. Include undervoltage release.
- E. Control Power Source: Integral control transformer.
- F. DC Choke and 5% Input Line Reactor
- G. Door Interlocks: Furnish mechanical means to prevent opening of equipment with power connected, or to disconnect power if door is opened; include means for defeating interlock by qualified persons.
- H. Safety Interlocks: Furnish terminals for remote contact to inhibit starting under both manual and automatic mode. Shall be field selectable for enabling/disabling.
- I. Control Interlocks: Furnish terminals for remote contact to allow starting in automatic mode.
- J. Manual Bypass: Furnish contactor, motor running overload protection, and short circuit protection for full voltage, non-reversing operation of the motor. Include isolation switch to allow maintenance of inverter during bypass operation.
- K. Disconnecting Means: Include integral circuit breaker on the line side of each controller.
- L. Wiring Terminations: Match conductor materials and sizes indicated.
- M. The VFD shall employ the following power components:
 - 1. Diode or fully gated bridge on the input.
 - 2. Switching logic power supply operating from the DC bus.

3. MOV protection - phase to phase and phase to ground with jumpers to remove the phase to ground unit when applicable.
 4. Gold plated plug-in connections on printed circuit boards.
 5. Microprocessor-based inverter logic isolated from power circuits.
 6. Inverter section with no commutation capacitors.
- N. The VFD shall have a standard built-in 7th IGBT for use as a dynamic braking chopper. This IGBT shall be able to provide at least 100% braking torque on a continuous basis with a properly sized externally-mounted brake resistor.
- O. The VFD shall have two EMC options to comply to IEC 61800-3 specification, each with an optional EMC earthing/grounding plate:
1. Embedded EMC filter - shall achieve 10 m for C2 and 20 m for C3.
 2. External EMC filter - shall achieve 30 m for C1 and 100 m for C2 and C3.
- P. The VFD shall have a standard USB port that connects to a PC for upgrading firmware or uploading/downloading parameter configurations.
- Q. With its RS-485 port, the VFD shall provide an interface for up to 2 independent peripherals to be connected at one time at 19.2K Bps. Connection and identification of peripheral interface DSI addresses shall require no user adjustments.
- R. A slot for an optional encoder card shall be available to perform simple positioning control. Closed loop with encoder feedback shall be available to replace slip compensation with trim for improved speed range and regulation.
- S. The VFD shall have embedded control I/O.
- T. The VFD's printed circuit board shall be conformal coated, certified to IEC60721-3-2 with 3C2 (Chemical & Gases at the minimum).
- U. The VFD's control module shall have an integral Human Interface Module (HIM).
1. LCD display with scrolling text, used to display drive operating conditions, fault/alarm indications and programming information and capable of showing multiple languages via selectable mode.
 2. Status LED for drive condition.
 3. Status LEDs for communications status, including embedded DSI status, adapter health and communications network status.
 4. Keys for navigation, start, stop and reverse.
 5. Potentiometer used to control speed of the drive.
- V. The VFD shall have an optional external Human Interface Module (HIM) available in two package styles:
- W. An IP66/UL Type 4X-12 remote-mounted version for cabinet/panel mounting that is connected via cable.

2.05 COMMUNICATIONS

- A. The variable frequency drive (VFD) shall be capable of communications through standard protocols, and Modbus and Profibus shall be the preferred networks.
1. Through its USB port, the VFD shall be capable of direct connection to a PC.
 2. Through its integral RS-485 port, the VFD shall be able to use Modbus RTU:
 - a. For programming from a PC.
 - b. In a multi-drop network configuration.
 3. Through its integral Ethernet port, the EtherNet/IP network is supported.
- B. The VFD shall be able to communicate with at least 2 networks at the same time.
- C. The VFD shall have available adapter cards, including:
1. Dual port EtherNet/IP - to support Device Level Ring topology.
 2. PROFIBUS DP.
 3. Modbus.

- D. VFD communications adapters shall have individually selectable fault actions in the case of a communications loss or if the controller is idle (in program mode or faulted):
 1. Faulting the VFD.
 2. Stopping the VFD.
 3. Zeroing data written to the VFD.
 4. Holding the VFD in its last state.
 5. Using a user-selectable fault configuration.

2.06 CONTROL FEATURES

- A. The variable frequency drive (VFD) shall be programmable for the following motor control modes:
 1. Volts per Hertz.
 2. Sensorless vector control.
 3. Closed loop velocity vector control.
 4. Sensorless vector control with Economizer.
 5. Permanent magnet motor control
- B. The VFD shall be capable of open loop and closed loop speed regulation applications.
- C. Programmable features shall include:
 1. Flying start
 2. V/F ratio
 3. Bus regulator
 4. Process PID
 5. Fiber-application-specific features
 6. Common DC bus
 7. 1/2 DC bus operation
 8. Regulation with encoder feedback or analog input
 9. Multi-drive connectivity (with communication option card)
 10. StepLogic Function (relay and timers)
 11. 16 preset speeds
- D. The VFD shall include energy cost reduction potential through energy monitoring features and Economizer and permanent magnet motor control modes.

2.07 CONTROL I/O

- A. The variable frequency drive (VFD) shall have 2 analog inputs (1 unipolar and 1 bipolar), independently isolated from the rest of the drive I/O.
- B. The VFD shall have 7 digital inputs (24 VDC, 6 programmable) to provide application versatility.
- C. The VFD shall have 1 analog output that is scalable, 10-bit, suitable for metering or as a speed reference for another drive.
- D. The VFD shall have 2 digital outputs and 2 relay outputs (1 form A and 1 form B) to be used to indicate various drive, motor or logic conditions.

2.08 SOURCE QUALITY CONTROL

- A. Shop inspect and perform standard productions tests for each controller.

**MOCCASIN BEND WASTEWATER TREATMENT PLANT
 INFLENT PUMP STATION VFD
 CHATTANOOGA, TN**

ELECTRICAL PLAN

SHEET NO. **62**

ELECTRICAL SHEET NOTES - UN-REFERENCED

1. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72), AS AMENDED TO DATE OF THIS DOCUMENT. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72), AS AMENDED TO DATE OF THIS DOCUMENT.

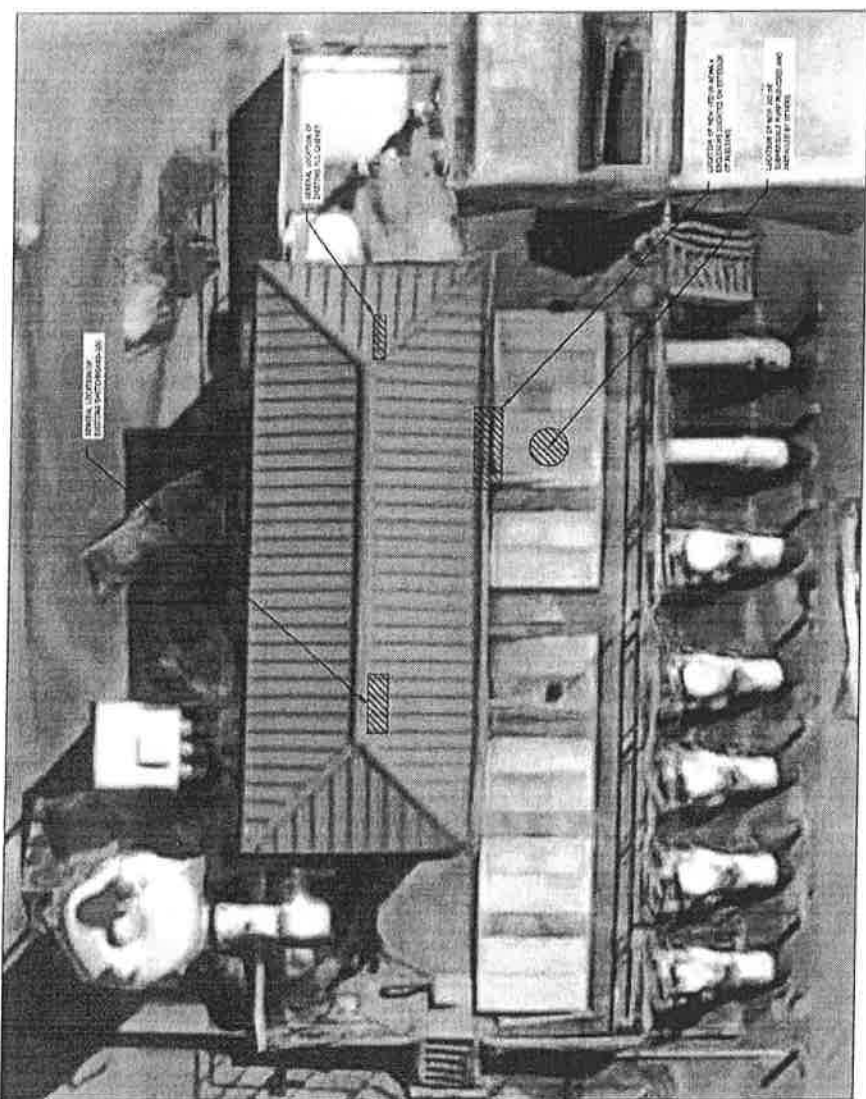
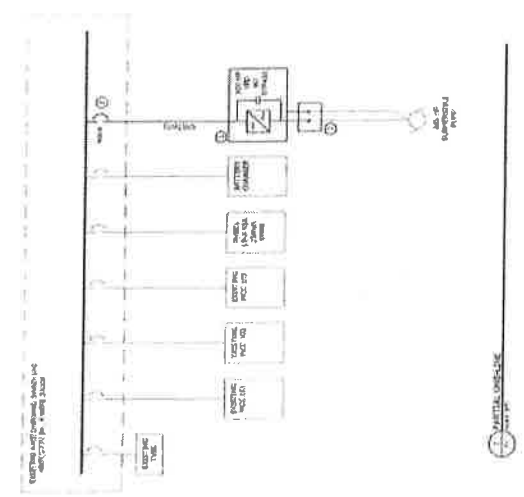
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ELECTRICAL SHEET NOTES - REFERENCES

1. ALL WIRING SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE ALARM AND SIGNAL CODE (NFPA 72), AS AMENDED TO DATE OF THIS DOCUMENT.

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GENERAL PLAN

Chapter No. 817 (HB0261/SB0377). "Iran Divestment Act" enacted.

Vendor Disclosure and Acknowledgement

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

(SIGNED)



(PRINTED NAME)

Bhavin Patel, Director

(BUSINESS NAME)

Amtech Drives , Inc.

(DATE)

04/06/2018

For further information, please see website:

https://www.tn.gov/assets/entities/generalservices/cpo/attachments/List_of_persons_pursuant_to_Tenn._Code_Ann._12-12-106,_Iran_Divestment_Act-July.pdf

Affirmative Action Plan

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

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. During the term of all construction contracts or subcontracts in excess of \$10,000 to be performed for the City of Chattanooga, the following non-discriminatory hiring practices shall be employed to provide employment opportunities for minorities and women:
 - a. All help wanted ads placed in newspapers or other publications shall contain the phrase "Equal Employment Opportunity Employer".
 - b. Seek and maintain contracts with minority groups and human relations organizations as available.
 - c. Encourage present employees to refer qualified minority group and female applicants for employment opportunities.
 - d. Use only recruitment sources which state in writing that they practice equal opportunity. Advise all recruitment sources that qualified minority group members and women will be sought for consideration for all positions when vacancies occur.

5. Minority statistics are subject to audit by City of Chattanooga staff or other governmental agency.
6. The Contractor agrees to notify the City of Chattanooga of any claim or investigation by State or Federal agencies as to discrimination.



(Signature of Contractor)

Bhavin, Amtech Drives , Inc.

(Title and Name of Company)

04/06/2018

(Date)

ADDENDUM NO. 1

RFB NO: 305057

DATE BIDS DUE: April 10, 2018

TIME: 2:00 PM

DEPARTMENT: Waste Resources

SUBJECT: VFD and Control Cabinet

The number of VFD's and Control Cabinets to be bid is two (2) rather than one (1). No changes to the specifications except one ac unit needs to be on the right side and the other needs to be on the left.

Questions are to be submitted by e-mail to ghipp@chattanooga.gov
by 12:00 Noon on Thursday, March 29, 2018.

March 29th will be my last day with the City. Any e-mail correspondence
after that time should be to purchasing@chattanooga.gov.

(SIGNED)



(Bhavin Patel)

COMPANY: Amtech Drives, Inc

PLEASE SIGN THE ADDENDUM AND RETURN TO THE PURCHASING
DEPARTMENT WITH YOUR BID (ghipp@chattanooga.gov or fax to 423-643-
7244 or mail to Purchasing (Attn: Geoffrey Hipp), 101 E. 11th St., Chattanooga,
TN 37402).

ADDENDUM NO: 2

REQ NO: 167218

FINAL SUBMITTAL: April 17, 2018 2:00 PM EST
FINAL QUESTIONS: N/A

Department: Public Works

Changes to Bid No. 305057:

Per request by Waste Resource Division, The bid opening for Bid# 305057; VFD & Control Cabinet, will be extended to April 17, 2018 at 2:00 PM to give the Electrical Engineer time to answer questions presented

Question: On the bid, please clarify the freight terms. Is it alright to charge freight or is the quote for no freight cost?

Answer: The bid is to include all charges, including freight, so that the department can compare the bids fairly. Bidders will be advised not to add freight to order afterwards

Req No: 167218 VFD & Control Cabinet

PLEASE SIGN ONE (1) COPY OF ADDENDUM AND RETURN TO THE PURCHASING DEPARTMENT. RETAIN THE OTHER COPY FOR YOUR FILES.

Name: _____



(Bhavin Patel)

Company: _____

Amtech Drives, Inc

**CITY OF CHATTANOOGA
PURCHASING DEPARTMENT
Mark McKeel
City Hall Suite G13
CHATTANOOGA, TN 37402
TELE: (423) 643-7236
FAX: (423) 643-7244**

ADDENDUM NO: 3

REQ NO: 167218

FINAL SUBMITTAL: April 17, 2018 2:00 PM EST

FINAL QUESTIONS: N/A

Department: Public Works

Changes to Bid No. 305057:

Question & Answers; See attachment

Req No: 167218 VFD & Control Cabinet

PLEASE SIGN ONE (1) COPY OF ADDENDUM AND RETURN TO THE PURCHASING DEPARTMENT. RETAIN THE OTHER COPY FOR YOUR FILES.

Name:  (Bhavin Patel)

Company: Amtech Drives, Inc

**CITY OF CHATTANOOGA
PURCHASING DEPARTMENT
Mark McKeel
City Hall Suite G13
CHATTANOOGA, TN 37402
TELE: (423) 643-7236
FAX: (423) 643-7244**

Questions and Answers

For Bid# 305057 VFD & Control Cabinets

1. Sheet Number E2 states harmonic filter and 5% drive input line reactor. The TECO-Westinghouse drive, p/n EQ7-4300-C, includes a DC Link Choke in 75HP and above shipped loose as a chassis item inside the crate. Section 2.04.F also states DC Choke and 5% Input Line Reactor. Will a 5% drive input line reactor and DC Link Choke suffice as the harmonic filter?

Yes the 5% input line reactor and DC link Choke will suffice.

2. Section 2.02.D states the finish of the enclosure and integral air conditioner shall be manufacturer's standard enamel. Please confirm enamel is OK in lieu of stainless steel.

Yes, as long as we have the NEMA 4 rating, it doesn't need to be stainless steel.

3. Under 2.0 General Specifications, Section 2.1 states a minimum 1 year warranty is required. Section 1.05.A states the drive warranty shall be free from defect for a period of 36 months from date of shipment. Please confirm the warranty desired for the entire outdoor duty package with air conditioner.

Desired warranty is 36 months.

4. Sheet Number E2 states Input Fused Bypass Contactor. Section 2.04.K states integral circuit breaker shall be the disconnecting means on the line side of each controller. Please confirm an input circuit breaker is acceptable in lieu of fuses or a fused disconnect.

Yes should be circuit breaker.



City of Chattanooga

Mayor Andy Berke

April 25, 2018

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

Subject: R153533 / Blanket PO No. 545300 – Generator Service & Repairs – Facilities Management Division – Public Works Department

Dear Mr. Holland:

Council approval is recommended to issue Change Order 1 to the subject contract. The change order will increase the estimated annual expenditure amount from \$90,000.00 to \$150,000.00, due to replacing and maintaining generators at the Police Service Center and Fire Department preventative maintenance. The generator preventative maintenance at the Police Department, Fire Department and City Wide Services cannot be paid until funds are added to the contract. This is critical for keeping the building up and running with electricity.

This contract change with Facilities Management, Public Works Department increases the total contract by \$205,000.00 and is necessary for the above reasons.

Original Amount (Council approval August 15, 2017)	\$ 90,000.00
Change Order 1 Increase Amount	\$ 60,000.00
New Annual Expenditure Amount	\$ 150,000.00

I recommend issuing Change Order 1 to increase the present contract amount by \$50,000.00. Facilities Management Division, Public Works Department has requested and approved this change.

Respectfully yours,

Bonnie Woodward
Director of Purchasing

BW/mlm

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: 23447 Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235
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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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 / Bid No.: 153533 / 304730 Ordering Dept.: Facilities Management, Public Works Buyer: Mark McKeel Phone No.: 423-643-7236 Items Being Purchased: Generator Service & Repairs ATTACHMENTS: 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 Annual Generator Maintenance and Repairs for the City of Chattanooga. The Contract Term May Be Renewed For An Additional Two (2) Twelve (12) Month Terms Under The Same Terms And Conditions By Mutual Agreement. The City Of Chattanooga And The Contractor May Bilaterally Extend The Contract By Providing Written Confirmation Of Agreement By Both Parties At Least 30 Days Prior To The Contract's Current Expiration Date Into Any Successive Term As Provided Herein. **** Vendor Shall Hold Prices Firm for First (1st) Year of Contract **** Price Escalation Clause: If as a result of a general change in prices or discounts, the Contractor has changed prices to all of its customers, the price under this contract may be adjusted accordingly. Contractor may be requested to show proof of alleged price changes prior to approval of any price adjustments. *** PLEASE NOTE: Per Specifications, Additional Generator Sites/Services: Any locations acquired or newly installed by the City of Chattanooga after the bid award date will be covered under this contract. Vendor will notify buyer of the location, address, brand/mfg., model number, serial number, KW, fuel type and model year if available.					

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

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Requestor	Requisition Number	Bid Number						
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Line Nbr</th> <th style="width: 40%;">Item ID - Item Description</th> <th style="width: 10%;">Quantity</th> <th style="width: 10%;">Unit</th> <th style="width: 10%;">Unit Price</th> <th style="width: 10%;">Total</th> </tr> </thead> </table> <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>Purchase Order issued in accordance with Energy Systems Southeast, LLC bid received on July 31, 2017 is hereby made part of this contract.</p> <p>City Council approved on August 15, 2017</p> <p>Contract dates: September 1, 2017 to August 31, 2018</p> <p>Vendor Contact: Craig McKenzie Phone No.: 770-381-2424 Toll-Free No.: 1-855-436-3773 Fax No.: 770-381-2438 E-mail: craig.mckenzie@essellc.com</p> <p>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.</p> <p>Representative: <u><i>Craig McKenzie</i></u> Agreed to and accepted by:</p> <p>Title: <u><i>Senior Sales Mgr</i></u> CITY OF CHATTANOOGA, TENNESSEE</p> <p>Date: <u><i>8-24-2017</i></u> Name/Title: <u><i>Mark McKeel Buyer</i></u></p> <p>Department: <u><i>PURCHASING</i></u></p>	Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total		
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City of Chattanooga
101 East 11th Street, Suite G13
Chattanooga, TN 37402

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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.
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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
1	17.5 % Markup; Repair Parts not Covered by Annual Maintenance Service	0.00	Each	\$ 1.0000	\$ 0.00
2	13 % Markup; Generator & Transfer Switch Equipment (Replacement & New Systems)	0.00	Each	\$ 1.0000	\$ 0.00
3	10 % Markup; Contract Labor for Turnkey Installations for Power Generation Equipment & Associated Electrical Gear	0.00	Each	\$ 1.0000	\$ 0.00
4	Non-Emergency Repair Services	0.00	Hour	\$ 95.0000	\$ 0.00
5	Emergency Repair Services	0.00	Hour	\$ 142.5000	\$ 0.00
6	Cost per Gallon for Fuel Polishing (Diesel Only)	0.00	Gallon	\$ 2.7500	\$ 0.00
7	19th Street CSO (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
8	19th Street CSO (External 1 Hour Load Back)	0.00	Each	\$ 175.0000	\$ 0.00
9	Admin Building, Moccasin Bend (Annually)	0.00	Each	\$ 525.0000	\$ 0.00
10	Admin Building, Moccasin Bend (External 1 Hour Load Back)	0.00	Each	\$ 385.0000	\$ 0.00

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	Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235

PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300
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Requestor		Requisition Number			Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
11	Altamont (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
12	Altamont (External 1 Hour Load Bank)	0.00	Each	\$ 385.0000	\$ 0.00
13	Big Ridge #11 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
14	Big Ridge #11 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
15	Big Ridge #12 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
16	Big Ridge #12 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
17	Big Ridge #2 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
18	Big Ridge #2 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
19	Big Ridge #6 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
20	Big Ridge #6 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00

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Chattanooga, TN 37402

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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	Bleach Farm (Annually)	0.00	Each	\$ 425.0000	\$ 0.00
22	Bleach Farm (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
23	Carter Street CSO (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
24	Carter Street CSO (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
25	Central Avenue CSO (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
26	Central Avenue CSO (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
27	City Landfill PS-1 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
28	City Landfill PS-1 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
29	City Landfill PS-3 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
30	City Landfill PS-3 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00

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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
31	City Landfill PS-4 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
32	City Landfill PS-4 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
33	City Landfill Flair (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
34	City Landfill Flair (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
35	City Landfill Flair Extra (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
36	City Landfill Flair Extra (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
37	Collegedale (Annually)	0.00	Each	\$ 645.0000	\$ 0.00
38	Collegedale (External 1 Hour Load Bank)	0.00	Each	\$ 385.0000	\$ 0.00
39	M.L.K. CSO (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
40	M.L.K. CSO (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00

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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate
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Purchase Order Number 545300
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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
41	Mountain Creek (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
42	Mountain Creek (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
43	O & C Building (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
44	O & C Building (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
45	Portable Unit #1 I/I Bldg (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
46	Portable Unit #1 I/I Bldg (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
47	Portable Unit #2 I/I Bldg (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
48	Portable Unit #2 I/I Bldg (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
49	Portable Unit #3 I/I Bldg (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
50	Portable Unit #3 I/I Bldg (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 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: 23447 Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235
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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
51	Portable Unit #4 Eastgate PS (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
52	Portable Unit #4 Eastgate PS (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
53	Portable Unit #5 Influent Relief PS (Annually)	0.00	Each	\$ 2,875.0000	\$ 0.00
54	Portable Unit #5 Influent Relief PS (External 1 Hour Load Bank)	0.00	Each	\$ 2,000.0000	\$ 0.00
55	Ringgold PS (Annually)	0.00	Each	\$ 645.0000	\$ 0.00
56	Ringgold PS (External 1 Hour Load Bank)	0.00	Each	\$ 385.0000	\$ 0.00
57	South Chickamauga PS (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
58	South Chickamauga PS (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
59	Spring Creek PS (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
60	Spring Creek PS (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00

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

V E N D O R	Vendor Number: Vendor Alternate ID: 23447
	Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235

PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
61	Summit #1 PS (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
62	Summit #1 PS (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
63	Tiftonia #1 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
64	Tiftonia #1 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
65	Warner Park CSO (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
66	Warner Park CSO (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
67	West Chickamauga PS (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
68	West Chickamauga PS (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
69	Williams Street CSO (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
70	Williams Street CSO (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00

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

V E N D O R	Vendor Number: Vendor Alternate ID: 23447
	Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235

PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300
INVOICES: Direct invoices in DUPLICATE to the Invoice address shown below.	

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
71	City Hall (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
72	City Hall (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
73	CFD Station Hall #1 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
74	CFD Station Hall #1 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
75	CFD Station Hall #3 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
76	CFD Station Hall #3 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
77	CFD Station Hall #4 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
78	CFD Station Hall #4 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
79	CFD Station Hall #7 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
80	CFD Station Hall #7 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 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: 23447
	Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235

PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
81	CFD Station Hall #9 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
82	CFD Station Hall #9 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
83	CFD Station Hall #10 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
84	CFD Station Hall #10 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
85	CFD Station Hall #11 (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
86	CFD Station Hall #11 (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00
87	CFD Station Hall #16 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
88	CFD Station Hall #16 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
89	CFD Station Hall #21 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
90	CFD Station Hall #21 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 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: 23447 Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235
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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
91	CFD Resource Bldg (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
92	CFD Resource Bldg (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
93	Fire Training Center F615, Trailer Mounted (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
94	Fire Training Center F615, Trailer Mounted (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
95	12th Street Service Center (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
96	12th Street Service Center (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
97	South Chattanooga Recreation Center (Annually)	0.00	Each	\$ 645.0000	\$ 0.00
98	South Chattanooga Recreation Center (External 1 Hour Load Bank)	0.00	Each	\$ 385.0000	\$ 0.00
99	City Wide Services (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
100	City Wide Services (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00

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

V E N D O R	Vendor Number: Vendor Alternate ID: 23447 Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235
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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
101	Tivoli Theatre (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
102	Tivoli Theatre (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
103	Memorial Auditorium (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
104	Memorial Auditorium (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
105	CPD Onion Bottom Station (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
106	CPD Onion Bottom Station (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
107	Police Service Center, PS415 (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
108	Police Service Center, PS415 (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
109	Network Operations Center (Annually)	0.00	Each	\$ 395.0000	\$ 0.00
110	Network Operations Center (External 1 Hour Load Bank)	0.00	Each	\$ 295.0000	\$ 0.00

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

V E N D O R	Vendor Number: Vendor Alternate ID: 23447 Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235
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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
111	Collegedale, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
112	Collegedale, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
113	Cross Mountain, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
114	Cross Mountain, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
115	Evensville, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
116	Evensville, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
117	Nopone Valley, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
118	Nopone Valley, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
119	North Bradley, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
120	North Bradley, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00

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

V E N D O R	Vendor Number: Vendor Alternate ID: 23447 Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235
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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
121	Star Mountain, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
122	Star Mountain, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
123	Buttermilk, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
124	Buttermilk, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
125	Centerville, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
126	Centerville, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
127	Windrock, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
128	Windrock, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
129	Lookout Mountain, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
130	Lookout Mountain, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00

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

V E N D O R	Vendor Number: Vendor Alternate ID: 23447 Energy Systems Southeast LLC 3235 Veterans Circle Birmingham, AL 35235
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PO Date: 24-AUG-17 Buyer: Mark McKeel FOB: DESTINATION Terms: Immediate	Purchase Order Number 545300 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
131	Signal Mountain, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
132	Signal Mountain, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
133	Brock Road, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
134	Brock Road, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
135	Interop Trailer, Radio Shop (Annually)	0.00	Each	\$ 345.0000	\$ 0.00
136	Interop Trailer, Radio Shop (External 1 Hour Load Bank)	0.00	Each	\$ 175.0000	\$ 0.00
137	ESIP Pump Station (Annually)	0.00	Each	\$ 645.0000	\$ 0.00
138	ESIP Pump Station (External 1 Hour Load Bank)	0.00	Each	\$ 385.0000	\$ 0.00
139	East Brainerd PS (Annually)	0.00	Each	\$ 645.0000	\$ 0.00
140	East Brainerd PS (External 1 Hour Load Bank)	0.00	Each	\$ 385.0000	\$ 0.00

TOTAL: \$.00

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City of Chattanooga

Mayor Andy Berke

April 26, 2018

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

Subject: 166905/305060 – Equipment Maintenance and Repair – Public Works/City
Wide Services Division

Dear Mr. Holland:

Council approval is recommended to issue two annual blanket contracts. The proposed contracts will cover Equipment Maintenance and Repair Service for Public Works/City Wide Services Division. The contract term will be for twelve (12) months with the option to renew for two (2) additional twelve (12) month period. The total estimated annual expenditure will be \$412,400.00.

The invitation to bid was sent to nine (9) vendors as well as formally advertised. Three (3) responses were received. A spreadsheet has been prepared and attached for your review and consideration. Copies of the bids are retained on file and available for your review in the Purchasing Office upon request.

<u>Bidder</u>	<u>Bid Total</u>
Stowers Machinery	\$140,225.00 (Incomplete Bid)
Chattanooga Tractor & Equipment	\$168,390.00
Power Equipment Company	\$243,917.00

April 26, 2018

Page 2

**Subject: 166905/305060 – Equipment Maintenance and Repair – Public Works/City
Wide Services Division**

**I recommend awarding blanket contracts to Chattanooga Tractor & Equipment, and
Power Equipment Company as the best bids meeting specifications for the City of
Chattanooga.**

Respectfully yours,



**Bonnie Woodward
Director of Purchasing**

BW/dp

Attachments

**Vendor Information:
Chattanooga Tractor & Equipment
2034 Polymer Drive
Chattanooga, TN 37421**

**Power Equipment Company
4295 Bonny Oaks Drive
Chattanooga, TN 37406**



City of Chattanooga

Mayor Andy Berke

May 2, 2018

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

Subject: Contract Renewal of Blanket 543746 – Hand Tools For Local Pickup – Public Works/
City Wide Services

Dear Mr. Holland;

Council approval is recommended to renew blanket contract 543746 for Hand Tools For Local Pickup as needed by the Public Works Department/ City Wide Services Division. The City of Chattanooga is exercising the option to renew this contract for an additional twelve (12) months through May 27, 2019. The estimated annual expenditure under this contract is \$42,000.00.

The award of this blanket contract was originally approved by City Council on May 16, 2017. The invitation to bid was sent to six (6) vendors as well as formally advertised. Three (3) responses were received. A spreadsheet is attached showing the bid results. The bids are retained in the Purchasing Office for review upon request. A copy of Blanket Contract 5437467 is attached.

I recommend renewing this blanket contract with Roll-Aid Industrial Supply, Inc., P. O. 2346, Chattanooga, TN 37409, as being in the best interests of the City of Chattanooga.

Respectfully yours,

Bonnie Woodward
Purchasing Director

BW/dp
Attachments

Purchase Order BLANKET



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

V E N D O R	Vendor Number: 488959 Vendor Alternate ID: 748 Roll-Aid Industrial Supply Inc PO Box 2346 Chattanooga, TN 37409
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PO Date: 26-MAY-17 Buyer: Dedra Partridge FOB: DESTINATION Terms: Immediate	Purchase Order Number 543746 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.: 151235 Ordering Dept.: Public Works/City Wide Services Buyer: Dedra Partridge Phone No.: (423) 643-7237 Items Being Purchased: Hand Tools For Local Pickup Price Escalation Clause Vendor shall hold prices firm for first (1st) year of contract. 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 shall be adjusted accordingly. All prices must be justified by letters from your supplier. This Shall Be A Twelve (12) Month Blanket Contract To Supply Hand Tools for Local Pickup. 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: Carla Clendenen (423) 267-2930 (423) 267-2936 (fax) carla@roll-aid.net City Contact: Sharon Smith (423) 643-6846 Approved By City Council On May 16, 2017 Contract Term: May 29, 2017 thru May 28, 2018					

B Woodward
 5/26/17

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
1	Square Shovel, Long Handle, #TRU-BMTLS or equal	0.00	Each	\$ 8.5000	\$ 0.00
2	Round Shovel, Long Handle, TRU-BMTRL or equal	0.00	Each	\$ 8.5000	\$ 0.00
3	Shovel, Drain Spade TRU-1573800 or equal	0.00	Each	\$ 14.6800	\$ 0.00
4	Shovel, Spreading #97014 or equal	0.00	Each	\$ 10.9800	\$ 0.00
5	Shovel, Aluminum Scoop #12-83369 or equal	0.00	Each	\$ 25.7500	\$ 0.00
6	Shovel, Razor Back Square Point with 48" Wood Handle	0.00	Each	\$ 14.4400	\$ 0.00
7	Shovel, Razor Back Round Point with 48" Wood Handle	0.00	Each	\$ 14.4400	\$ 0.00
8	Ptich Fork, 5 tyne #94330 or equal	0.00	Each	\$ 23.2500	\$ 0.00
9	Rake, Bow Long Handle #96367 or equal	0.00	Each	\$ 8.5000	\$ 0.00
10	Rake, Level Head #TRU-1887200 or equal	0.00	Each	\$ 38.5700	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
11	Rake, Leaf #99682 or equal	0.00	Each	\$ 11.4500	\$ 0.00
12	Wheelbarrow, Steel, 6 C/F	0.00	Each	\$ 72.0000	\$ 0.00
13	Post Digger, with 4' Hardwood Handle	0.00	Each	\$ 28.7400	\$ 0.00
14	Asphalt Lute, 36" x 4" Head with 82" Aluminum Handle	0.00	Each	\$ 55.0500	\$ 0.00
15	Hedge Shears, 9 inch blades, 10" Handle with cushion grip	0.00	Each	\$ 10.5000	\$ 0.00
16	Railroad Pick, 6lb. head, 36" handle	0.00	Each	\$ 20.7600	\$ 0.00
17	Shears, 27" Lopper with Fiberglass Handle	0.00	Each	\$ 13.6500	\$ 0.00
18	Shears, 27" Lopper with Tubular Steel Handle	0.00	Each	\$ 75.0000	\$ 0.00
19	Shears, 27" Lopper with Wooden Handle	0.00	Each	\$ 28.5000	\$ 0.00
20	Tamp, Hand 10" x 10"	0.00	Each	\$ 33.1500	\$ 0.00

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Requestor		Requisition Number			Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
21	Street Broom, 16" Head with 60" Handle	0.00	Each	\$ 14.5000	\$ 0.00
22	Hammer, Sledge 8 lb.	0.00	Each	\$ 22.1200	\$ 0.00
23	Hammer, Sledge 12 lb.	0.00	Each	\$ 29.5000	\$ 0.00
24	Hammer, Sledge 16 lb.	0.00	Each	\$ 38.2500	\$ 0.00
25	Hammer, Brick 15 oz.	0.00	Each	\$ 18.3500	\$ 0.00
26	Hammer, Curve Claw, 16 oz with Wooden Handle	0.00	Each	\$ 10.0000	\$ 0.00
27	Hammer, Curve Claw, 20 oz with Wooden Handle	0.00	Each	\$ 17.0000	\$ 0.00
28	Hammer, Straight Claw, 22 oz. with wooden handle	0.00	Each	\$ 11.7500	\$ 0.00
29	Hammer, Engineer 4 lb, with wooden handle	0.00	Each	\$ 12.5000	\$ 0.00
30	Bow Saw, 36"	0.00	Each	\$ 13.5000	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
31	Hack Saw, Utility Grade	0.00	Each	\$ 10.8600	\$ 0.00
32	Hack Saw, #ST15-087 or equal	0.00	Each	\$ 12.0000	\$ 0.00
33	Scissors, Inlaid Bent 12"	0.00	Each	\$ 33.0000	\$ 0.00
34	Handle for Sledge hammer, 36"	0.00	Each	\$ 12.1000	\$ 0.00
35	Grease Gun, #500 or equal	0.00	Each	\$ 19.9900	\$ 0.00
36	Scraper, Sidewalk, 6" TRU-1647800 or equal	0.00	Each	\$ 12.6500	\$ 0.00
37	File, Flat 6" Smooth	0.00	Each	\$ 7.8000	\$ 0.00
38	File, Flat 14"	0.00	Each	\$ 16.2000	\$ 0.00
39	Level, 24" Wood	0.00	Each	\$ 45.6600	\$ 0.00
40	Level, 48" Wood	0.00	Each	\$ 53.9900	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
41	Level, Line #42-287 or equal*Quoted 270'/Roll	0.00	Each	\$ 1.8900	\$ 0.00
42	Ties, Rubber 15" / S Hooks	0.00	Each	\$ 1.2300	\$ 0.00
43	Ties, Rubber 9" / S Hooks	0.00	Each	\$ 1.4800	\$ 0.00
44	Ties, Rubber 21" / S Hooks	0.00	Each	\$ 1.4800	\$ 0.00
45	Sprayer, Two Gallon RLF1972 or equal	0.00	Each	\$ 19.6900	\$ 0.00
46	Sprayer, Three Gallon #RLF1973 or equal	0.00	Each	\$ 29.8000	\$ 0.00
47	EZ Reacher, #32	0.00	Each	\$ 16.7000	\$ 0.00
48	Weedeater Cord, .095, 3 lb. roll	0.00	Each	\$ 37.5000	\$ 0.00
49	Makita Bump and Feed String Trimmer Head # B-60143	0.00	Each	\$ 31.7200	\$ 0.00
50	Crimping Tool, #KL1005 or equal	0.00	Each	\$ 29.2000	\$ 0.00

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Requestor		Requisition Number			Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
51	Fish Tape Tool #GR438-10 or equal	0.00	Each	\$ 53.7500	\$ 0.00
52	Diagonal Cutter #KLJ200-28 or equal	0.00	Each	\$ 31.9300	\$ 0.00
53	Wire Pliers, #KLD213-9NE or equal	0.00	Each	\$ 31.5500	\$ 0.00
54	Wire Strippers, #KL11045 or equal	0.00	Each	\$ 13.0700	\$ 0.00
55	Plump Pliers, Large Pipe #KLD502-10 or equal	0.00	Each	\$ 22.3200	\$ 0.00
56	Nut Drivers, #KL631 or equal	0.00	Each	\$ 51.1700	\$ 0.00
57	Screwdrivers, #KL85075 or equal	0.00	Each	\$ 47.5700	\$ 0.00
58	Tape, Reel 100' Fiberglass	0.00	Each	\$ 11.9900	\$ 0.00
59	Tape, Measuring 1" x 25'	0.00	Each	\$ 5.6600	\$ 0.00
60	Tape, Measuring 3/4 " x 12' / Engineer	0.00	Each	\$ 9.2500	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
61	Tape, Measuring 1" x 25' / Engineer	0.00	Each	\$ 12.8500	\$ 0.00
62	Tape, Rule #ST33-425 or equal	0.00	Each	\$ 10.9900	\$ 0.00
63	Tape, Engineers, Measured in 10th's 3/4" x 12'	0.00	Each	\$ 9.2500	\$ 0.00
64	Tape, Engineers, Measured in 10th's 1" x 25'	0.00	Each	\$ 12.8500	\$ 0.00
65	Rule, Engineer 6" #066D or equal	0.00	Each	\$ 18.8300	\$ 0.00
66	Tape, Duct 2"	0.00	Each	\$ 4.5100	\$ 0.00
67	Tape, Electrical - 3M Scotch Supper 33+ Vinyl Electrical Tape, 3/4" x 66' (No Substitues)	0.00	Each	\$ 4.9900	\$ 0.00
68	Water Cooler, 3 gallon	0.00	Each	\$ 29.8000	\$ 0.00
69	Water Cooler, 5 gallon	0.00	Each	\$ 33.0000	\$ 0.00
70	Mattock Cutter, 2.5 Handle	0.00	Each	\$ 21.0800	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
71	Water Cooler, 2 gallon	0.00	Each	\$ 13.2000	\$ 0.00
72	Carpenter Pencils (Dixon)	0.00	Each	\$ 0.4000	\$ 0.00
73	Utility Blades (Stanley) 5 pack	0.00	Each	\$ 1.7500	\$ 0.00
74	Utility Blades (Stanley) 100 pack	0.00	Each	\$ 16.7500	\$ 0.00
75	Utility Knife (Stanley)	0.00	Each	\$ 3.9900	\$ 0.00
76	Putty Knife, 1 1/2"	0.00	Each	\$ 2.5500	\$ 0.00
77	Mattock H/D 5' with 35" Handle	0.00	Each	\$ 22.5000	\$ 0.00
78	Wrecking Bar (Crowbar) 3/4 x 36"	0.00	Each	\$ 17.8500	\$ 0.00
79	Hacksaw Blades 7 1/4 x 24T	0.00	Each	\$ 1.7000	\$ 0.00
80	Marking Chalk (Blue/Red) (Strait Line) Bottle	0.00	Each	\$ 1.1000	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
81	Twine, Nylon #18 x 1050'	0.00	Each	\$ 5.6600	\$ 0.00
82	Blades (cut off wheel) Metal 14" x 5/32" x 1"	0.00	Each	\$ 9.2000	\$ 0.00
83	Blades (cut off wheel) Masonry 14" x 5/32" x 1"	0.00	Each	\$ 10.0600	\$ 0.00
84	Cord, Trimmer .130 x 600' Roll	0.00	Each	\$ 55.5000	\$ 0.00
85	Lumber Crayon Yellow/Red (box)	0.00	Each	\$ 9.5000	\$ 0.00
86	Trowel, Margin 5" x 2"	0.00	Each	\$ 4.5500	\$ 0.00
87	Trowel, Finish 14" x 4"	0.00	Each	\$ 18.5000	\$ 0.00
88	Mason Brush, 6.5 x 2"	0.00	Each	\$ 5.7500	\$ 0.00
89	Floal Magnesium 16" x 3 1/8"	0.00	Each	\$ 25.9700	\$ 0.00
90	Miscellaneous	0.00	Each	\$ 0.0000	\$ 0.00

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Requestor			Requisition Number		Bid Number
Line Nbr	Item ID - Item Description	Quantity	Unit	Unit Price	Total
91	Hammer, Rubber Mallet 13oz	0.00	Each	\$ 12.6600	\$ 0.00
92	Hammer, Rubber Mallet 16oz	0.00	Each	\$ 6.5000	\$ 0.00
93	Chalk Reel	0.00	Each	\$ 4.5500	\$ 0.00
94	Head Trimmer Fixcut Line Hand	0.00	Each	\$ 22.9100	\$ 0.00
95	Cable Ties (Zip Ties) 8, 12, 18, & 24"	0.00	Each	\$ 7.8000	\$ 0.00
96	Blade Metal 12"x1/8"x1"	0.00	Each	\$ 4.5500	\$ 0.00
97	Blade Concrete 12"x1/8"x1"	0.00	Each	\$ 5.0000	\$ 0.00
98	Spring (Trimmer) Stihl	0.00	Each	\$ 2.5900	\$ 0.00
99	Sleeve (Shaft) Stihl	0.00	Each	\$ 3.9900	\$ 0.00
100	Spreader, Seed	0.00	Each	\$ 29.9900	\$ 0.00

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

Purchase Order BLANKET



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

V E N D O R	Vendor Number: 488959 Vendor Alternate ID: 748
	Roll-Aid Industrial Supply Inc PO Box 2346 Chattanooga, TN 37409

PO Date: 26-MAY-17 Buyer: Dedra Partridge FOB: DESTINATION Terms: Immediate	Purchase Order Number 543746 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
101	Hook, Potato	0.00	Each	\$ 29.9800	\$ 0.00
102	Hook, Hookeroon 1.5lb	0.00	Each	\$ 49.5000	\$ 0.00
103	Spool Insert Stihl	0.00	Each	\$ 8.5000	\$ 0.00
104	Cover, Stihl	0.00	Each	\$ 10.5000	\$ 0.00
105	Sleeve, Stihl	0.00	Each	\$ 3.9900	\$ 0.00
106	11" Natural Ladder Ties 100 Per Pack	0.00	Each	\$ 9.9800	\$ 0.00
107	Twine, Sisal (Rope) 525'	0.00	Each	\$ 7.2500	\$ 0.00

TOTAL: \$.00

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**Bid Tabulation - Bid 151235/304698
Hand Tools For Pickup - Public Works/City Wide Services**

Item #	Unit	Roll-Aid Industrial		Ram Tool Construction Supply		ArcMate Mfg. Corp.	
		Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	31	8.5	263.5	11.18	346.58		
2	31	8.5	263.5	10.94	339.14		
3	25	14.68	367	16.6	415		
4	31	10.98	340.38	12.69	393.39		
5	31	25.75	798.25	28.46	882.26		
6	31	14.44	447.64	14.99	464.69		
7	25	14.44	361	14.5	362.5		
8	25	23.25	581.25	28.31	707.75		
9	25	8.5	212.5	12.99	324.75		
10	25	38.57	964.25	33.09	827.25		
11	61	11.45	698.45	14.65	893.65		
12	7	72	504	85.95	601.65		
13	19	28.74	546.06	27.79	528.01		
14	19	55.05	1045.95	51.49	978.31		
15	19	10.5	199.5	25.99	493.81		
16	9	20.76	186.84	19.77	177.93		
17	37	13.65	505.05	30.89	1,142.93		
18	37	75	2775	22.3	825.1		
19	37	28.5	1054.5	38.12	1,410.44		
20	13	33.15	430.95	27.95	363.35		
21	73	14.5	1058.5	14.55	1,062.15		
22	25	22.12	553	18.99	474.75		
23	25	29.5	737.5	25.99	649.75		
24	25	38.25	956.25	32.99	824.75		
25	25	18.35	458.75	15.79	394.75		
26	25	10	250	13.69	342.25		
27	25	17	425	14.39	359.75		
28	25	11.75	293.75	16.29	407.25		
29	25	12.5	312.5	11.69	292.25		
30	19	13.5	256.5	9.69	184.11		
31	19	10.86	206.34	6.36	120.84		
32	12	12	228	16.69	317.11		

33	19	33	627	19.99	379.81	
34	19	12.1	229.9	11.25	213.75	
35	13	19.99	259.87	10.99	142.87	
36	13	12.65	164.45	11.7	152.1	
37	19	7.8	148.2	7.99	151.81	
38	19	16.2	307.8	15.99	303.81	
39	13	45.66	593.58	35.99	467.87	
40	13	53.99	701.87	44.99	584.87	
41	13	1.89	24.57	1.89	24.57	
42	251	1.23	308.73	0.89	223.39	12.67
43	251	1.48	371.48	0.6	150.6	772.87
44	251	1.48	492.25	0.89	223.39	
45	25	19.69	745	22.95	573.75	
46	25	29.8	1018.7	36.99	924.75	
47	61	16.7	787.5	14.99	914.39	
48	21	37.5	412.36	35.69	749.49	
49	13	31.72	175.2	17.99	233.87	
50	6	29.2	322.5	26.99	161.94	
51	6	53.75	191.58	53.75	322.5	
52	6	31.93	189.3	35.19	211.14	
53	6	31.55	78.42	27.99	167.94	
54	6	13.07	133.92	12.99	77.94	
55	6	22.32	307.02	22.95	137.7	
56	6	51.17	285.42	45.95	275.7	
57	6	47.57	71.94	38.95	233.7	
58	6	11.99	73.58	13.99	83.94	
59	13	5.66	120.25	8.99	116.87	
60	13	9.25	167.05	9.19	119.47	
61	13	12.85	142.87	11.29	146.77	
62	13	10.99	120.25	17.65	229.45	
63	13	9.25	167.05	7.99	103.87	
64	13	12.85	244.79	11.59	150.67	
65	13	18.83	112.75	15.99	707.87	
66	25	4.51	34.93	3.99	99.75	
67	7	4.99	745	4.99	34.93	
68	25	29.8	825	29	725	
69	25	33	400.52	30.25	756.25	
70	19	21.08	330	19.69	374.11	
71	25	13.2	10	14.29	357.25	
72	25	0.4	43.75	0.5	12.5	
73	25	1.75		2.19	54.75	

74	25	16.75	418.75	22.99	574.75	
75	25	3.99	99.75	6.99	174.75	
76	25	2.55	63.75	3.89	97.25	
77	19	22.5	427.5	22.49	427.31	
78	19	17.85	339.15	15.99	303.81	
79	25	1.7	42.5	1.89	47.25	
80	25	1.1	27.5	1.39	34.75	
81	13	5.66	73.58	7.95	103.35	
82	13	9.2	119.6	7.89	102.57	
83	13	10.06	130.78	7.89	102.57	
84	25	55.5	1387.5	49.99	1,249.75	
85	19	9.5	180.5	6.99	132.81	
86	19	4.55	86.45	9.89	187.91	
87	19	18.5	351.5	24.95	474.05	
88	19	5.75	109.25	7.5	142.5	
89	19	25.97	493.43	26.95	512.05	
90	1					
91	30	12.66	379.8	5.99	179.7	
92	30	6.5	195	5.99	179.7	
93	30	4.55	136.5	11.49	344.7	
94	30	22.91	687.3	31.75	952.5	
95	30	7.8	234	24	720	
96	30	4.55	136.5	3.99	119.7	
97	30	5	150	3.99	119.7	
98	30	2.59	77.7	2.99	89.7	
99	30	3.99	119.7	4.99	149.7	
100	30	29.99	899.7	42	1,260	
101	30	29.98	899.4	26.25	787.5	
102	30	49.5	1485	45.31	1,359.30	
103	30	8.5	255	11.25	337.5	
104	30	10.50	315.00	13.99	419.70	
105	30	3.99	119.70	3.99	119.70	
106	30	9.98	299.40	3.49	104.70	
107	30	7.25	217.50	44.29	1,328.70	
			41,880.68		41,896.53	772.87



City of Chattanooga

Mayor Andy Berke

May 2, 2018

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

Subject: 167090/305093 – Fire Hose – Chattanooga Fire Department

Dear Chief Hyman:

Council approval is recommended for the purchase of sixty (60) Fire Hose. These Fire Hose will be used by the Chattanooga Fire Department.

The invitation to bid was mailed to three (3) vendors as well as formally advertised. Four (4) responses were received as shown below. A spreadsheet has been prepared and attached for your review and consideration. Copies of the actual bids are retained on file in the Purchasing Office for your review upon request.

<u>Bidders</u>	<u>Bid Amount</u>
Dana Safety Supply	\$31,800.00
Emergency Vehicle Specialists (EVS)	\$30,757.20
Tactical Fire Equipment LLC	\$30,600.00
Municipal Emergency Service	\$28,740.00

May 2, 2018

Page 2

Subject: 167090/305093 – Fire Hose – Chattanooga Fire Department

I recommend awarding this contract in the amount of \$28,740.00 to Municipal Emergency Service, as the best bid meeting specifications for the City of Chattanooga.

Respectfully yours,



**Bonnie Woodward,
Purchasing Director**

**BW/DP
Attachment**

**Vendor Information:
Municipal Emergency Service
6701 – C Northpark Blvd
Charlotte, NC 28216**



City of Chattanooga

Mayor Andy Berke

May 2, 2018

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

Subject: 167166 – Fire Engine Exhaust Removal System – Chattanooga Fire Department

Dear Chief Hyman:

Council approval is recommended to issue a purchase order for the Fire Engine Exhaust Removal System for use by the Chattanooga Fire Department.

Air Vacuum Corporation (AIRVAC), located in Dover, New Hampshire, is the manufacturer of the AIR VAC-911 Engine Exhaust Air Filtration System. The amount of this purchase will be \$38,378.00. A sole source memorandum from the Department Deputy Administrator and two (2) written quotations from AIRVAC are attached for your review.

TCA 6-56-304.2 allows for this single source purchase /repair exempted from the usual advertising and bidding procedures.

Respectfully yours,

**Bonnie Woodward
Director of Purchasing**

**BW: dp
Attachments**

CHATTANOOGA PURCHASING DIVISION
SOLE SOURCE JUSTIFICATION FORM

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

Description of item/service, its function and cost estimate \$ 38,378.00
Exhaust Systems for Bays in Firehalls

This is a sole source vendor because:

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

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

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

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

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

What specific feature makes this item unique and why is this feature needed for your project? - Air Vac System works better than present exhaust removal systems. All Fire Stations will be equipped with these new systems in the future.
Suggested Vendor: Air Vac

Department: Fire Contact: Steve Harvey

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

[Signature]
Department Head's Signature

5/2/13
Date



City of Chattanooga

Fire Department
910 Wisdom Street • Chattanooga, TN 37406

May 2, 2018

Bonnie Woodward
Purchasing Director
City of Chattanooga
11th & Lindsay Street
Chattanooga, TN 37402

Dear Ms. Woodward:

The Chattanooga Fire Department is requesting to purchase two Fire Engine Exhaust Removal Systems for Station #1. This purchase is part of a plan to equip all Fire Station with the new type of exhaust removal systems that have been installed in newly built Fire Stations. The Station Replacement Systems will happen as funding allows. We have found these systems are much better at removing the apparatus exhaust from the bays as the older systems in the stations today. The AirVac systems remove up to 98.2% of the carcinogens in the air. The vendor for this purchase is AirVac Systems, they are the manufacturer and only vendor for this system. The total price for this purchase is \$38,378.00.

Thank you,

Seth Miller
Deputy Fire Chief



The World Leader In Engine Exhaust Removal
Systems for the Fire and EMS Industry

Thursday, April 19, 2018

City of Chattanooga Fire Hall
218 East Main St
Chattanooga, TN 37412

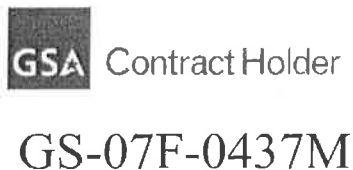
This letter is to confirm our conversation regarding the availability of the AIRVAC 911® exhaust removal system for Fire & EMS Facilities.

The vertical airflow AIRVAC 911® System is manufactured and distributed solely by the Air Vacuum Corporation of Dover, New Hampshire. To the best of our knowledge there are no other manufacturers within the industry, selling or distributing, this type of exhaust removal system.

Thank you again for your interest, and please feel free to contact us if you have any additional questions.

Sincerely,

Sara Scialo
Regional Sales Manager
800-540-7264
Email: sales@airvacuumcorporation.com



MEETS NFPA 1500 9-1.6, OSHA, NIOSH, FEMA & MORE



air vacuum corporation

The World Leader In Engine Exhaust Removal Systems for the Fire and EMS Industry

REVISED PROPOSAL – AIRVAC 911® ENGINE EXHAUST REMOVAL SYSTEM
THE SALE OF "AIR VAC-911"®, ENGINE EXHAUST AIR FILTRATION SYSTEM, BY AIR VACUUM CORPORATION OF DOVER N.H., FOR REMOVAL OF HAZARDOUS EMISSIONS FROM FIRE, RESCUE, TRUCKING, AND OTHER HEAVY EQUIPMENT FLOOR AREAS.

December 29, 2017

Steve Harvey
City of Chattanooga Fire Hall #1 (2 Bay Area)
218 East Main Street
Chattanooga, TN 37412
423/316-7440 sharvey@chattanooga.gov

DESCRIPTION	QUANTITY	UNIT COST	TOTALS
AIR VAC-911 EXHAUST REMOVAL SYSTEM - Single Ph. 115V	2	\$3,399.00	\$6,798.00
AIR VAC-911 FILTER PACK (4-Stage Filter Pack, "Main Filters")	2	\$375.00	\$750.00
AIR VAC-911 FILTER GAUGE (Min. one per building section)	1	\$115.00	\$115.00
UL 508A CERTIFIED CONTROL PANEL - AVEC-4C	1	\$999.00	\$999.00
ACTIVATION PACKAGE - PB30TK 200' PHOTO EYE (set) &	2	\$235.00	\$470.00
N50SAUTM/STX01 TRACK MOUNTED DOOR SWITCH	4	\$42.00	\$168.00
PREFILTERS (12 Per Box/Case)	0	\$8.00	\$0.00
*ESTIMATED INSTALLATION "TURN-KEY" & DELIVERED	2	\$1,975.00	\$3,950.00
			\$13,250.00

**Non-Schedule Item"

* Per request, standard installation applies with addition of concrete drilling and anchoring in ceiling

The AIRVAC 911® system is provided with a FIVE YEAR WARRANTY on ALL components (excluding consumable filters)

- ◆ **FREIGHT: FOB Origin,** ◆ **TERMS: 1/2 Payment with the order & final payment prior to release..** ◆ **Lead-Time 8 to 10 weeks.** ◆ Buyer is responsible for all permits, permit fees, State/local licensing fees and applicable taxes related to the purchase of product, shipping and installation or must provide all necessary tax-exempt certificates; state, local and/or county to Air Vacuum Corporation. ◆ Please contact your sales rep for installation information and pricing. ◆ Governmental Purchases please consult your sales rep for GSA price list. Pricing valid for 90 days



GS-07F-0437M MEETS 2013 EDITION NFPA 1500 9-1.5, OSHA, NIOSH, FEMA & MORE



air vacuum corporation

The World Leader In Engine Exhaust Removal Systems for the Fire and EMS Industry

REVISED PROPOSAL – AIRVAC 911® ENGINE EXHAUST REMOVAL SYSTEM

THE SALE OF "AIR VAC-911"®, ENGINE EXHAUST AIR FILTRATION SYSTEM, BY AIR VACUUM CORPORATION OF DOVER N.H., FOR REMOVAL OF HAZARDOUS EMISSIONS FROM FIRE, RESCUE, TRUCKING, AND OTHER HEAVY EQUIPMENT FLOOR AREAS.

December 29, 2017

Steve Harvey
City of Chattanooga Fire Hall #1 (3 Bay Area)
218 East Main Street
Chattanooga, TN 37412
423/316-7440 sharvey@chattanooga.gov

DESCRIPTION	QUANTITY	UNIT COST	TOTALS
AIR VAC-911 EXHAUST REMOVAL SYSTEM - Single Ph. 115V	4	\$3,399.00	\$13,596.00
AIR VAC-911 FILTER PACK (4-Stage Filter Pack, "Main Filters")	4	\$375.00	\$1,500.00
AIR VAC-911 FILTER GAUGE (Min. one per building section)	1	\$115.00	\$115.00
UL 508A CERTIFIED CONTROL PANEL - AVEC-6C/T2	1	\$1,199.00	\$1,199.00
ACTIVATION PACKAGE - PB30TK 200' PHOTO EYE (set) & N505AUTM/STX01 TRACK MOUNTED DOOR SWITCH	2	\$235.00	\$470.00
PREFILTERS (12 Per Box/Case)	6	\$42.00	\$252.00
	12	\$8.00	\$96.00
*ESTIMATED INSTALLATION "TURN-KEY" & DELIVERED	4	\$1,975.00	\$7,900.00
			\$25,128.00

"Non-Schedule Item"

*Per request, standard installation applies with addition of concrete drilling and anchoring in ceiling

The AIRVAC 911® system is provided with a FIVE YEAR WARRANTY on ALL components (excluding consumable filters)

- ◆ **FREIGHT: FOB Origin,** ◆ **TERMS: 1/2 Payment with the order & final payment prior to release.** ◆ **Lead-Time 8 to 10 weeks.** ◆ Buyer is responsible for all permits, permit fees, State/local licensing fees and applicable taxes related to the purchase of product, shipping and installation or must provide all necessary tax-exempt certificates; state, local and/or county to Air Vacuum Corporation. ◆ Please contact your sales rep for installation information and pricing. ◆ Governmental Purchases please consult your sales rep for GSA price list. Pricing valid for 90 days



GS-07F-0437M MEETS 2013 EDITION NFPA 1500 9-1.5, OSHA, NIOSH, FEMA & MORE



City of Chattanooga

Mayor Andy Berke

April 19, 2018

Lurone Jennings, Administrator
Department of Youth and Family Development
501 West 12th Street
Chattanooga, TN 37402

Subject: R141922 - Extension of Blanket Contract for Cargo and Passenger Van Rental

Dear Mr. Jennings:

Council approval is recommended to extend blanket contract 541634 for Cargo Van and Passenger Van Rental as needed by the Department of Youth and Family Development. The estimated annual expenditure is \$26,000.00.

The bid solicitation was sent to three (3) vendors. One (1) bid was received. The solicitation was re-advertised, but no further bids were received. The bid is available in the Purchasing Office for your review upon request. A copy of blanket contract 541634 is attached.

I recommend the extension of this blanket contract with Enterprise Rent-A-Car as being in the best interest for the City of Chattanooga.

Respectfully yours,

Bonnie Woodward
Purchasing Director

BW/wt
Attachment

Vendor address:

Enterprise Rent-A-Car of Tennessee
209 Seaboard Lane
Franklin, TN 37067

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: 24412 Enterprise Rent-A-Car of Tennessee 209 Seaboard Lane Franklin, TN 37067
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PO Date: 04-JAN-17 Buyer: William Tucker FOB: DESTINATION Terms: Immediate	Purchase Order Number 541634 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.: 141922 Ordering Dept.: Youth and Family Development Buyer: Dedra Partridge Phone No.: (423) 643-7237 Items Being Purchased: Van Rental (Heavy Duty Cargo Vans w/Liftgate & 15 Passenger Van) Van Rental Will Be In Accordance With Tennessee State Contract #45860/29900 Use Account #XZ56900 At Time Of Reservation This Shall Be A Twelve (12) Month Blanket Contract To Supply Van Rental. 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: Justin Lyons (865) 218-4544 Justin.Lyons@ehi.com City Contact: Kimberly Stewart (423) 643-6406 kstewart@chattanooga.gov Contract Term: January 13, 2017 thru January 13, 2018 Approved By City Council On January 10, 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: 24412
	Enterprise Rent-A-Car of Tennessee 209 Seaboard Lane Franklin, TN 37067

PO Date: 04-JAN-17 Buyer: William Tucker FOB: DESTINATION Terms: Immediate	Purchase Order Number 541634 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
***** THIS IS A REVISION TO A PRIOR ORDER ***** Change Order Issued Changing Buyer From Dedra Partridge To William Tucker					

***** 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: 24412
	Enterprise Rent-A-Car of Tennessee 209 Seaboard Lane Franklin, TN 37067

PO Date: 04-JAN-17 Buyer: William Tucker FOB: DESTINATION Terms: Immediate	Purchase Order Number 541634 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	Van 1: Current year model cargo van heavy duty with liftgate used for food deliveries	0.00	Week	\$ 756.9400	\$ 0.00
2	Van 2: Current year model cargo van heavy duty with liftgate used for food deliveries	0.00	Week	\$ 756.9400	\$ 0.00
3	Van 3: Current year model cargo van heavy duty with liftgate used for food deliveries	0.00	Week	\$ 756.9400	\$ 0.00
4	15 passenger van for transporting program participants	0.00	Week	\$ 1,389.7300	\$ 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.