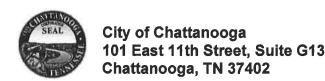
BID SOLICITATION



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.

| > H Z | RFQ |
|-------|-----|
| DOR | 1 |

BID OPENING DATE AND TIME:

01-MAR-18 at 2:00 PM

BID NUMBER: 305014

BUYER:

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

| M | City of Chattanooga |
|---|---------------------------------|
| A | 101 East 11th Street, Suite G13 |
| 1 | Chattanooga, TN 37402 |
| L | |

| ltem | Class-Item | Quantity | Unit | Unit Price | Total |
|------------------|------------|----------|------|------------|-------|
| Requisition No : | 165301 | | | | |

Ordering Dept.: Waste Resources Buyer: Geoffrey Hipp 423-643-7233

This shall be a twelve (12) month blanket contract for Programmable Logic Controller Services 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 MARCH 1, 2018 *****

PLEASE SUBMIT BIDS IN DUPLICATE INDICATING

BID NUMBER (305014) 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:

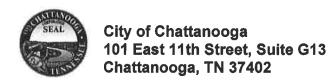
All prices under this contract shall remain fixed during each twelve (12) month contract period. If as a result of a general change in prices or discounts, the contractor has changed prices to all of its customers, then, at the time of contract

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 | |
|---------------------|--|
| Address | |
| Phone/Toll-Free No. | |
| Fax No | |
| E-Mall Address | |

BID SOLICITATION



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.

| > E Z | RFQ | | |
|-------|-----|--|--|
| DOR | * | | |

BID OPENING DATE AND TIME:

01-MAR-18 at 2:00 PM

BID NUMBER: 305014

BUYER:

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

City of 101 E

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

Item Class-Item Quantity Unit Unit Price Total

Contact Person's Name

Estimated Delivery

Minority-Owned Business ___ Small Business ___ Veteran ___

Women-Owned Business ___ Disabled Veteran ___

Women-Owned Business ___

| NOTE. | A I I | DIDO | DEOEN/ED | ADE OUR IEST TO | THE TERMS | AND CON | DITIONO |
|-------|-------|------|----------|-----------------|-----------|---------|---------|
| NOTE: | ALL | RIDS | RECEIVED | ARE SUBJECT TO | THE LERMS | AND CON | DHIONS |

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: _____

TELEPHONE NUMBER:

COMPANY: _____

SIGNATURE: _____

NAME AND TITLE: _____

BID SOLICITATION



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

SEALED BIDS

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

| > E Z | RFQ | |
|--------|----------|--|
| D | <u>*</u> | |
| O R | | |

BID OPENING DATE AND TIME:

01-MAR-18 at 2:00 PM

BID NUMBER: 305014

BUYER:

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

MAILTO

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

| Item | Class-Item | Quantity | Unit | Unit Price | Total |
|------|---|----------|--------|-------------|-------|
| 1 | PLC Technician | 1 | Hour | | |
| 2 | PLC Technician Overtime | 1 | Hour | | |
| 3 | Certified Control Systems Technician | 1 | Hour | | |
| 4 | Certified Control Systems Technician Overtime | 1 | Hour | | |
| 5 | PLC Engineer | 1 | Hour | | |
| 6 | PLC Engineer Overtime | 1 | Hour | | |
| 7 | Planned Project Labor | 1 | Dollar | | |
| 8 | Emergency Project Labor | 1 | Dollar | | |
| 9 | Parts and Materials, % Markup | 1 | Dollar | | |
| | | | | | |
| | | | | | |

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

| ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted | price |
|---|-------|
| 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: |
|--|-----------------|
| TERMS OF PAYMENT: | SIGNATURE: |
| TELEPHONE NUMBER: | NAME AND TITLE: |

SPECIFICATIONS FOR BLANKET CONTRACT TO SUPPLY

PROGRAMMABLE LOGIC CONTROLLER SERVICES FOR THE WASTE RESOURCES DIVISION CITY OF CHATTANOOGA, TENNESSEE

(January 2018)

1.0 GENERAL

1.1 SCOPE OF SERVICES

The Scope of Services included in these Specifications shall be for all labor, benefits, equipment, fuel, and any other related expenses necessary to provide programmable logic controller (PLC) services for the WASTE RESOURCES DIVISION, including the Moccasin Bend Wastewater Treatment Plant (MBWWTP), 455 Moccasin Bend Road, Chattanooga, Tennessee 37405.

It is the responsibility of each bidder to visit both the Moccasin Bend Wastewater Treatment Plant and other locations within the WASTE RESOURCES DIVISION and to become familiar with and have a working knowledge of all types, sizes, and quantities of PLC's, as well as understand any peculiar circumstances that may be associated with the servicing of these units. An inventory of most of the larger PLC's currently in use at Moccasin Bend Wastewater Plant and Wastewater Pump Stations is attached as Appendix A. Appendix A shows the list by Type of PLC. Some smaller PLC's that are not shown on the inventory are in use and may need service occasionally.

1.2 BASIS OF BIDDING

The Contractor shall submit one (1) bid on the City's Standard Bid Form. The Bid shall include the cost per hour for labor, and equipment and percent markup on materials and specialized outside services not normally performed by the Vendor.

The cost per hour shall include any and all costs for wages, benefits, indirect costs, overhead and profit, insurance, travel time and any other related direct or indirect cost. The cost per hour shall be for the services of one (1) PLC technician, (1) Certified Control Systems Technician, and also (1) separate cost per hour for (1) PLC engineer and all equipment necessary to perform the work described herein.

In addition, lines are provided for Planned Project Labor and Emergency Project Labor. Upon the awarding of the contract, the Vendor shall only utilize these lines upon prior approval by the Chief Electrician. The Vendor will have the scope of work, as well as specialized labor rates, approved before beginning any work that is to be invoiced on these lines. When invoicing these lines, the Vendor shall provide a copy of their internal regulations of overtime rates that fall outside of the scope of the usual time and a half rates that are covered with the overtime rate on the contract.

Vendor shall include a percent markup for specialty equipment, materials, and services required for the work but not described herein.

The Vendor shall also provide hourly rates for overtime service for the various work described herein. The cost per hour shall start when the vendor is on-site.

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

1.3 SUBMITTALS

1.3.1 Bid Bond

Not Required

1.3.2 Performance Bond

None Required.

1.3.3 References and Experience

A. References

- 1. The Vendor shall submit a list of five (5) customers for whom the Vendor has performed PLC services during the past three- (3) years and provided labor and equipment and materials to perform similar services.
- 2. The list shall include names, addresses, telephone numbers, and contact person who is knowledgeable of services provided.

B. Experience

- 1. The Vendor shall submit a brief company history of providing the specified services.
- 2. The Vendor shall provide a brief description of its service facilities and the work performed there.
- 3. The Vendor shall provide a description of its work force including number of skilled personnel and their length of service with the company.
- 4. The PLC technician shall have a basic understanding of ladder logic and have at least three (3) years experience in troubleshooting and installing PLC's.
- 5. The PLC Engineer shall have an engineering degree from an accredited Engineering College in Electrical Engineering or Controls Engineering and possess at least 5 years of experience in designing, installing, and troubleshooting PLC's and control systems.

6. The Vendor shall provide a list of PLC manufacturers for whom it serves as a trained provider of service.

1.4 GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS

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

1.5 LENGTH OF CONTRACT

COVERAGES

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

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

1.6 INSURANCE

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

| Workmen's Compensation | Statutory |
|---|--|
| Employer's Liability | \$750,000 |
| Bodily Injury Liability | \$750,000 each occurrence |
| Except Automobile | \$1,500,000 aggregate |
| Property Damage Liability Except Automobile | \$750,000 each occurrence \$750,000 aggregate |
| Automobile Bodily Injury | \$750,000 each person |
| Liability | \$1,500,000 each occurrence |
| Automobile Property Damage | \$750,000 each occurrence |
| Excess Umbrella Liability | \$3,000,000 each occurrence |

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

LIMITS OF LIABILITY

1.7 WARRANTY

A. Programmable Logic Controller (PLC) installation, troubleshooting, repair, and/or replacement.

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

2.0 SERVICES AND OTHER REQUIREMENTS

2.1 GENERAL

2.1.1 Sole Vendor

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

2.1.2 Compliance with Applicable Regulations

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

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

2.1.3 Inspection

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

2.1.4 Failure to Provide Services and Termination of Contract

In the event the Vendor:

- a. Fails to initiate services on the date specified or otherwise agreed to;
- b. Fails to provide all of the required documentation for his personnel, insurance, and any other documentation required by these Specifications at the specified times;
- c. After having begun services, abandons them for any reason;
- d. Suspends or refuses to continue services; or
- e. Defaults in any manner in the performance under the terms of the Contract for a period of thirty (30) days (unless the Vendor is prevented from continuing for reasons beyond its control);

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

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

2.2 DESCRIPTION OF CONTRACTED SERVICES

2.2.1 General

- A. The Vendor shall provide all labor, benefits, equipment, fuel, materials, tools, and any other related expenses necessary to provide PLC installation, troubleshooting, and repair and testing services described herein, including pick-up and delivery, for the Waste Resources Division.
- B. The Vendor shall provide the services on an "as needed" basis as requested by the City. The City will attempt to schedule the work to optimize the use of the Vendor's technicians and equipment when it is needed.
- C. The Vendor shall provide the City with a written estimate, including all parts, materials, labor, and shipping costs to complete repairs, reconditioning, and test services on each unit needing repair within five (5) business days. This estimate shall include a reasonable delivery date for the repairs, reconditioning, and test services. The Vendor shall submit estimates on the City's estimate form.
- D. The Vendor shall perform work on straight time, i.e., non-emergency, unless otherwise noted. Overtime, weekend, or holiday work shall only be performed at the City's direction.
- E. The Vendor shall make available a detailed report of repairs for all equipment that has been installed or repaired and maintain a history for each piece of equipment. This information shall be maintained in a manner that is available to the City for review on line at any time.
- F. Vendor shall provide with each invoice employee Timesheets showing time worked on the job. In the case an employee works overtime, the number of standard work hours must be included prior to any authorized overtime. Timesheets shall include all work performed, indicating the hours of work, use of specialized equipment, and/or use of approved subcontractors. City maintains the right to have Vendor's employees to clock in and out on WRD provided TimeClock. Work Order Numbers are to be specified on all Timesheets and TimeClock transactions. TimeClock information is for WRD use only. Punching the Timeclock does not waive the requirement for employee Timesheets being attached to invoices. TimeClock reports will not be used to pay invoice.

2.2.2 Vendor Services

- A. PLC installation, troubleshooting, repair, or replacement.
 - 1. The Vendor shall provide a copy of any changes made to the programming and all updated changes in electronic format on a flash drive with the new program. Vendor shall also provide a narrative of the changes to all hardware or software for all PLC's within 48 hours after the change is made. No changes will be made until approved by a designated City Representative.
 - 2. The Vendor shall provide a technician, on-site, properly trained in the troubleshooting of the PLC within 4 hours or less whenever notified by the City of an emergency need, and within 48 hours for non-emergencies. Most work is anticipated to be non-emergency work. The technician shall inspect, and/or test each PLC in the field. All of the electrical components of each PLC shall be evaluated. Upon completion of this inspection, the Vendor shall prepare for the City a written estimate of the cost and a description of the root cause or failure mode report on each PLC prior to repair, or replacement of the PLC. The City will provide the Vendor with a decision to proceed with the repair and reconditioning or replacement of the PLC.
 - 3. The Vendor shall electrically repair and test the PLC in accordance with requirements of the latest edition of the PLC manufacturer's recommended service guide. The Vendor shall provide a certification upon completion of the work that the repair and testing have been performed in accordance with the manufacturer's recommended practice.
 - If the decision of the City is to replace the PLC, the Vendor shall provide a replacement PLC at the Vendor's cost plus a percentage mark-up included in bid.
 - 5. The Vendor shall be responsible for providing PLC installation and repair services so as not to void the manufacturer's warranty.
 - The Vendor shall transfer ownership to the City of all material, work products, software, hardware, programs, etc. and those shall become City property.

2.2.3 City Supplied Services

The City will provide the following services;

- 1. Provide reasonable access to City facilities.
- 2. Provide access to any needed hardware and software programs

3.0 EXECUTION

3.1 CONTRACT STARTING DATE

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

3.2 PAYMENT OF SERVICES

- 3.2.1. The City will make payment to the Vendor according to the City's normal policies and procedures.
- 3.2.2. Before an order can be placed for routine transactions, City will request an Estimate from Vendor with detailed breakdown. City will require breakdown on its own form. Once City has approved the estimated price and submits Requisition for same, it will advise Vendor of the Release Number in order to place the order. Invoices that do not reference the Release Number will not be considered complete or valid.
- 3.2.3. Vendor's Invoice must list a valid E-Mail Address for billing questions and inquiries.
- 3.2.4. Invoice Date is critical and Invoices must be sent to the City on the Invoice Date in order for the City's tracking system to accurately reflect the record. The Invoice Date must not precede the Ship Date or Service Date.
- 3.2.5. Invoice descriptions on transaction lines must match the wording of the Purchase Order transaction lines, and reference the corresponding transaction line number of the Purchase Order. The Vendor shall not invoice the City for any item that does not correspond to a line on the Purchase Order.
- 3.2.6. Items being billed on Markup line must have corresponding source Invoice, and that total and Markup breakdown must be reflected on Vendor's Invoice to the City. The Markup for items purchased on the percent Markup line, is for markup of items only. No Markup is allowed for taxes or freight charges. The taxes and freight charges will be a straight reimbursement, with no Markup.
- 3.2.7. Markup will be calculated as the following example:

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

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

- 3.2.11. Invoices to the City shall reference the City Department, Release Number, Work Order Number, and the first and last name of the City employee placing the order.
- 3.2.12. Accurate Invoices, with all appropriate backup documentation, shall be sent to:

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

and copy sent to:

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

APPENDIX A

PLC Inventory Chattanooga Waste Resources Division -11/17/14

| Quantity 896 | <u>PLC</u> TOTAL | Туре |
|-----------------|---------------------|---|
| | 3rd Party | some 3rd party module (ie. Horner analog or RTU card) |
| | IC200ALG230 | VersaMax 4-channel voltage/current input |
| 8 | IC200ALG240 | VersaMax 8-channel isolated voltage/current input |
| 9 | IC200ALG320 | VersaMax 4-channel current output |
| 3 | IC200ALG430 | VersaMax 4/2-channel current/voltage input/output |
| 1 | IC200CPU005 | VersaMax 128k CPU |
| 8 | IC200CPUE05 | VersaMax 128k CPU w/ Ethernet |
| 6 | IC200EBI001 | VersaMax ethernet NIU |
| 14 | IC200MDL240 | VersaMax 16 point 120 VAC input |
| 3 | IC200MDL243 | VersaMax 16 point isolated 120 VAC input |
| 9 | IC200MDL640 | VersaMax 16-point 24 VDC input |
| 7 | IC200MDL930 | VersaMax 9-point isolated relay output |
| 11 | IC200MDL940 | VersaMax 16 point form A isolated 2 A relay output |
| 6 | IC200PWR002/012 | VersaMax 24 VDC expanded 3.3 VDC power supply |
| 5 | IC200PWR101 | VersaMax 120/240 V power supply |
| 11 | IC200PWR102 | VersaMax 120/240 V power supply w/ expanded 3.3 VDC |
| 28 | IC200UAA007 | VersaMax Micro 120 VAC input/output 28 point |
| 1 | IC200UAL004/005/006 | VersaMax Micro 23 point w/ analog |
| 1 | IC200UDR005 | VersaMax Micro 28 point DC/1 DC/11 Relay |
| 1 | IC200UDR006 | Versamax Micro 28 point DC/DC/Relay |
| 1 | IC693ALG220 | 90-30 4-channel voltage input |
| 48 | IC693ALG221 | 90-30 4-channel current input |
| 5 | IC693ALG222 | 90-30 16-channel voltage input |
| 12 | IC693ALG223 | 90-30 16-channel current input |
| 4 | IC693ALG391 | 90-30 2-channel current output |
| 26 | IC693ALG392 | 90-30 8-channel voltage/current output |
| 18 | IC693ALG442 | 90-30 4 in/2 out voltage/current combination |
| 4 | IC693BEM331 | 90-30 Genius bus controller |
| 29 | IC693CHS391 | 90-30 10-slot CPU baseplate |
| 19 | IC693CHS392 | 90-30 10-slot expansion baseplate |
| 4 | IC693CHS393 | 90-30 10 slot remote baseplate |
| 4 | IC693CHS397 | 90-30 5-slot CPU baseplate |
| 3 | IC693CHS398 | 90-30 5 slot expansion baseplate |
| 1 | IC693CMM302 | 90-30 enhanced genius communications module |
| 2 | IC693CMM311 | 90-30 Serial communications module |
| 10 | IC693CMM321 | 90-30 ethernet communications module |
| 1 | IC693CPU311 | 90-30 5-slot baseplate w/integrated CPU |
| 1 | IC693CPU313 | 90-30 5-slot baseplate w/integrated CPU |
| 3 | IC693CPU350 | 90-30 CPU (Model 350) |
| 6 | IC693CPU352 | 90-30 Basic CPU (gen 3) |

| 1 | IC693CPU363 | 90-30 Modular CPU w/ dual com ports |
|----|-------------|--|
| 1 | IC693CPU364 | 90-30 Modular CPU w/ Embedded Ethernet |
| 19 | IC693CPU374 | 90-30 Advanced CPU w/integrated ethernet |
| 2 | IC693MAR590 | 90-30 8/8 channel mixed 120 VAC input/ relay output |
| 1 | IC693MDL230 | 90-30 8 point isolated 120 VAC input |
| 53 | IC693MDL240 | 90-30 16 point 120 VAC input |
| 10 | IC693MDL241 | 90-30 16-point 24 VDC input |
| 9 | IC693MDL340 | 90-30 16 point 120 VAC output, high current |
| 1 | IC693MDL634 | 90-30 8 point 24 VDC pos/neg input |
| 49 | IC693MDL645 | 90-30 16 point 24 VDC input |
| 13 | IC693MDL655 | 90-30 32-point 24 VDC fast input |
| 17 | IC693MDL740 | 90-30 16 point 24 VDC positive logic output |
| 1 | IC693MDL753 | 90-30 32-point 12/24 VDC positive output |
| 51 | IC693MDL930 | 90-30 8 point isolated N.O. relay output |
| 32 | IC693MDL940 | 90-30 16 point N.O. relay output |
| 4 | IC693NIU004 | 90-30 ethernet remote I/O slave module |
| 1 | IC693PCM301 | 90-30 programmable coprocessor |
| 33 | IC693PWR321 | 90-30 120V power supply |
| 26 | IC693PWR330 | 90-30 120V high power supply |
| 1 | IC693PWR331 | 90-30 24 VDC power supply |
| 3 | IC693UDR005 | Series 90 Micro 16-point 24 VDC input/12 pt relay output |
| 6 | IC694ALG221 | Rx3i 4-channel current input |
| 4 | IC694MDL660 | RX3i 32-point 24 VDC input |
| 1 | IC694MDL940 | RX3i 16-point relay output |
| 2 | IC695CHS007 | RX3i 7-slot controller base |
| 4 | IC695CHS016 | RX3i 16-slot universal backplane |
| 3 | IC695CRU320 | RX3i Redundant high availability CPU |
| 3 | IC695ETM001 | RX3i Ethernet module |
| 1 | IC695PNC001 | RX3i Profinet controller |
| 3 | IC695PNS001 | RX3i Profinet IO scanner |
| 7 | IC695PSA140 | RX3i 124 V redundant capable power supply |
| 3 | IC695RMX128 | RX3i reflexive memory module |
| 6 | IC697ALG230 | 90-70 8-channel voltage/current input |
| 16 | IC697ALG320 | 90-70 4-channel voltage/current output |
| 15 | IC697ALG440 | 90-70 16-channel current input expander |
| 2 | IC697ALG441 | 90-70 16-channel voltage input expander |
| 11 | IC697BEM711 | 90-70 bus receiver module (rack expansion) |
| 5 | IC697BEM713 | 90-70 standard width bus transmitter module (rack expansion) |
| 6 | IC697BEM731 | 90-70 standard width Genius bus controller |
| 7 | IC697CBL700 | 90-70 power supply expansion cable |
| 16 | IC697CHS790 | 90-70 rack |
| 5 | IC697CMM742 | 90-70 ethernet controller |
| 5 | IC697CPX772 | 90-70 512kb fixed memory floating point CPU (486DX4) |
| 1 | IC697MDL340 | 90-70 16-point 120 VAC 2A output |
| 33 | IC697MDL653 | 90-70 32-point 24 VDC input |
| | | |

| 12 IC697MDL940 | 90-70 16-point relay output |
|------------------|--|
| 1 IC697PCM711 | 90-70 programmable coprocessor |
| 4 IC697PWR710 | 90-70 120 V 55W power supply |
| 5 IC697PWR711 | 90-70 120 V 100 W power supply |
| 12 IC754VxI06Mxx | 6" monochrome intermediate touch screen |
| 2 IC754VxI12Cxx | 12" color intermediate touch screen |
| 1 ST-3218 | RSTi 8-channel current input |
| 1 ST-4214 | RSTi 4-channel current output |
| 1 STXPNS001 | RSTi Profinet IO scanner w/ power supply |

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) | |
| BUSINESS NAME) | <u> </u> |
| DATE) | |

For further information, please see website:

https://www.tn.gov/assets/entitles/generalservices/cpo/attachments/List_of_pers ons_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. | | statistics a nental agenc | | t to | audit | by | City | of | Chattanooga | staff | or | other |
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| 6. The Contractor agrees to notify the City of Chattanooga of any claim or investigation by State or Federal agencies as to discrimination. | | | | | | | | | | | | |
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