

Date: September 11, 2018

Requisition No.: 175507

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

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

*Proposals will be received at 101 East 11th Street, Suite G13,
Chattanooga, TN 37402 until 2:00 P.M., EST. on September 25, 2018*

**Requisition / Bid No.: R175507 / 305214
Ordering Dept.: Waste Resource Division, Public Works
Buyer & E-mail: Mark McKeel mmckeel@chattanooga.gov**

Items Being Purchased: Programmable Logic Controller Services

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

2:00 P.M., EST on September 25, 2018

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

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

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

Note: ALL BIDS MUST BE SIGNED

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

PLEASE PROVIDE THE FOLLOWING INFORMATION:

Company Name: _____

Mailing Address: _____

City & Zip Code: _____

Phone/Toll Free No.: _____

Fax No.: _____

E-Mail Address: _____

Contact Person: _____

Company Title: _____

Signature: _____

BID SOLICITATION



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

SEALED BIDS

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

BID OPENING DATE AND TIME:

25-SEP-18 at 2:00 PM

BID NUMBER: 305214

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
Requisition / Bid No.: 175507 / 305214 Ordering Dept.: Waste Resource Division, Public Works Buyer: Mark McKeel Phone No.: 423-643-7236					
Items Being Purchased: Programmable Logic Controller ("PLC") Services					
ATTACHMENTS: 1. Specifications (11 pages) 2. Affirmative Action Plan (2 pages) 3. Insurance Requirements (see pages 3 of specifications) 4. Iran Divestment Act Disclosure (1 page) 5. No Contract / No Advocacy Notice (1 page) City of Chattanooga (COC) Terms and Conditions posted on Website http://www.chattanooga.gov/purchasing/standard-terms-and-conditions If you can't download call buyer for a copy.					
This Shall Be A Twelve (12) Month Blanket Contract To Supply Programmable Logic Controller ("PLC") Services for the Waste Resource Division.					
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.					
QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT.					
*** BID MUST BE RECEIVED NO LATER THAN *** *** 2:00 PM EST ON SEPTEMBER 25, 2018 ***					
PLEASE SUBMIT BIDS IN DUPLICATE INDICATING BID NUMBER (305214) ON OUTSIDE PACKAGING					
**** Vendor Shall Hold Prices Firm for First (1st) Year of Contract ****					
Price Escalation Clause: If as a result of a general change in prices or discounts, the Contractor has changed prices to all of its customers, the price under this contract may be adjusted accordingly. Contractor may be requested to show proof of alleged price changes prior to approval of any price adjustments.					
NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.					
Any manufacturer;s names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality					

BID SOLICITATION



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 Chattanooga, TN 37402

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 25-SEP-18 at 2:00 PM

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

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

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

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

TERMS OF PAYMENT: _____

TELEPHONE NUMBER: _____

ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein.
 COMPANY: _____
 SIGNATURE: _____
 NAME AND TITLE: _____

BID SOLICITATION



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

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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	PLC Technician	2285	Hour	_____	_____
2	PLC Technician Overtime	1602	Hour	_____	_____
3	Certified Control Systems Technician	2285	Hour	_____	_____
4	Certified Control Systems Technician Overtime	1602	Hour	_____	_____
5	PLC Engineer	1076	Hour	_____	_____
6	PLC Engineer Overtime	717	Hour	_____	_____
7	Planned Project Labor	2285	Hour	_____	_____
8	Emergency Project Labor	1602	Hour	_____	_____
9	Parts and Materials, _____ % Markup	134000	Each	_____	_____

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

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TERMS OF PAYMENT: _____
 TELEPHONE NUMBER: _____

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

COMPANY: _____
 SIGNATURE: _____
 NAME AND TITLE: _____

**SPECIFICATIONS FOR
BLANKET CONTRACT TO SUPPLY
PROGRAMMABLE LOGIC CONTROLLER SERVICES
FOR THE WASTE RESOURCES DIVISION
CITY OF CHATTANOOGA, TENNESSEE**

(August 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

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:

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

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

1.7 WARRANTY

- 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 statutes, rules, ordinances and regulations of, but not limited to, the USEPA, TDOT, OSHA, and any similar federal, state, and local laws or regulations applicable to the Vendor or to the services described herein.

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

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.
 4. 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.
 6. 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

<u>Quantity</u>	<u>PLC</u>	<u>Type</u>
896	TOTAL	
29	3rd Party	some 3rd party module (ie. Horner analog or RTU card)
2	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

Affirmative Action Plan

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

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and the employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay, or other forms of compensation, and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. In all construction contracts or subcontracts in excess of \$10,000 to be performed for the City of Chattanooga, any contractor and/or subcontractor is further required to file in duplicate within ten (10) days of being notified that it is the lowest responsible bidder, an affirmative action plan with the EEO Director of the City of Chattanooga. This plan shall state the Contractor's goals for minority and women utilization as a percentage of the work force on this project.
5. This Plan or any attachments thereto shall further provide a list of all employees annotated by job function, race, and sex who are expected to be utilized on this project. This plan or attachment thereto shall further describe the methods by which the Contractor or Subcontractor will utilize to make good faith efforts at providing employment opportunities for minorities and women.

During the term of this contract, the Contractor upon request of the City, will make available for inspection by the City of Chattanooga copies of payroll records, personnel documents and similar records or documents that may be used to verify the Contractor's compliance with these Equal Opportunity provisions.

6. The Contractor will include the portion of the sentence immediately preceding paragraph 1 and the provisions of paragraphs 1 through 6 in every subcontract so that such provisions will be requested of each subcontractor. The Contractor agrees to notify the City of Chattanooga of any subcontractor who refuses or fails to comply with these equal opportunity provisions. Any failure or refusal to comply with these provisions the Contractor and/or Subcontractor shall be a breach of this contract.

(Signature of Contractor)

(Title and Name of Construction Company)

(Date)

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) _____

(DATE) _____

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

No Contact/No Advocacy

Notice Receipt

City of Chattanooga
Purchasing Division

For Submission with Sealed Bid Solicitation Responses:

_____ (Vendor Agent name), states that:

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

_____ (Business name), the Submitter of the

attached sealed solicitation response to Solicitation # _____, and said

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

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

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

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

Submitter Signature:

Printed Name:

Title: _____

Date: _____