

BID SOLICITATION



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

SEALED BIDS

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

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RFQ

BID OPENING DATE AND TIME:

04-SEP-19 at 2:00 PM

BID NUMBER: 305632

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
<p>Requisition No.: 188731 Bid No.: 305632 Ordering Dept.: Waste Resources Division Buyer: Amanda Berkowitz Phone No.: (423) 643-7233 Email: aberkowitz@chattanooga.gov</p> <p>Items Being Purchased: Motorola Moscad Telemetry Service & Support</p> <p>Deadline for Questions: August 28, 2019</p> <p>ATTACHMENTS: Specifications (4 pgs) Affirmative Action Plan (2 pgs) Iran Divestment Act (1 pg) No Contact / No Advocacy Affidavit (1 pg) City of Chattanooga (COC) Terms and Conditions posted on Website http://www.chattanooga.gov/purchasing/standard-terms-and-conditions If you can't download call buyer for a copy.</p> <p>This Shall Be A Twelve (12) Month Blanket Contract To Supply Motorola Moscad Telemetry Service & Support For The Waste Resources Division. The Contract Term May Be Renewed For An Additional Two (2) Twelve (12) Month Term Under The Same Terms And Conditions By Mutual Agreement. The City Of Chattanooga And The Contractor May Bilaterally Extend The Contract By Providing Written Confirmation Of Agreement By Both Parties At Least 30 Days Prior To The Contract's Current Expiration Date Into Any Successive Term As Provided Herein.</p> <p>QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT.</p> <p>*** BID MUST BE RECEIVED NO LATER THAN *** *** 2:00 PM EST ON SEPTEMBER 4, 2019 ***</p> <p>NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.</p> <p>Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality 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>					

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**** NOTE **** PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION:					
Company Name _____					
Address _____ _____					
Phone/Toll-Free No. _____					
Fax No. _____					
eMail Address _____					
Contact Person's Name _____					
Estimated Delivery _____					
Minority-Owned Business _____ Small Business _____ Veteran _____					
Minority Woman-Owned Business _____ Disabled Veteran _____					
Woman-Owned Business _____					
**** ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION ****					

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

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

TERMS OF PAYMENT: _____

TELEPHONE NUMBER: _____

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

COMPANY: _____

SIGNATURE: _____

NAME AND TITLE: _____

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Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Labor	750	Hour	_____	_____
2	Parts _____% Markup	1	Each	_____	_____

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COMPANY: _____

TERMS OF PAYMENT: _____

SIGNATURE: _____

TELEPHONE NUMBER: _____

NAME AND TITLE: _____

**SPECIFICATIONS FOR
MOTOROLA MOSCAD TELEMETRY SERVICE AND SUPPORT
MOCCASIN BEND WASTEWATER TREATMENT PLANT
CITY OF CHATTANOOGA
(08/2019)**

1.0 GENERAL

1.1 SCOPE OF WORK

The Scope of Work covered by these Specifications includes the supply of labor and parts for on-site maintenance and repair of the City of Chattanooga's (City) Motorola Moscad System and other related equipment at the Moccasin Bend Wastewater Treatment Plant, 455 Moccasin Bend Road, Chattanooga, TN 37405, and related pump stations and Combined Sewer Overflow (CSO) facilities located throughout the City of Chattanooga Interceptor Sewer System as described herein.

The City's remote telemetry system has 103 total sites, including the following:

1. 70 wastewater pump stations,
2. 8 storm water stations,
3. 7 landfill leachate pump stations,
4. 3 regulator sites,
5. 3 flow metering sites,
6. 1 overflow monitoring site,
7. 9 CSO facilities,
8. 1 water tower facility, and
9. 1 central receiving station located at Moccasin Bend WWTP.

The City's remote telemetry system utilizes a combination of a Moscad 800MHz radio system and a PLC cellular/fiber system, reporting through an interface and using Wonderware software. The Moscad system uses a conventional system that utilizes 800 MHz radios along with three (3) 800MHz repeaters located on Lookout Mountain, and Signal Mountain. The PLC cellular system utilizes PLC's to transmit data via cellular routers over the Sprint or Verizon networks

1.2 SUBMITTALS WITH BID

Experience and qualifications with Motorola Moscad and remote telemetry systems will be used in evaluating Bids for this work.

The Contractor shall provide the following information and documentation with the Bid (Failure to do so shall result in the disqualification of the bid):

- A. Documentation of a minimum of 10 years' experience with Motorola Moscad remote telemetry systems. Documentation of experience with Wonderware

software development as it relates to Motorola Moscad remote telemetry systems.

- B. List of three (3) additional successful Motorola projects with a minimum of five (5) RTU's and one (1) central receiving unit within the last ten (10) years.

A description of each project including hardware and software used to make the system functional and operational shall be provided. Description shall include cost of the project and the actual and percentage of work performed by the Contractor.

List shall contain the name and address of the Municipality and/or Utility, name of contact person with the Municipality and/or Utility that is familiar with the project, contact person's phone number and/or e-mail address, and brief description of the project.

- C. Documentation that Contractor has a minimum of two (2) design/engineering and service personnel on staff specifically for SCADA and I & C projects.
- D. Resumes of Contractor's primary and back-up service technicians that will be provided to service the Motorola Moscad hardware and software on this contract.
- E. Location of Contractor's office that will provide the service technicians to serve this project.
- F. Documentation that the Contractor has trained service technicians who can provide on-site classroom and hands-on training for Motorola MOSCAD basics and advanced procedures for City Maintenance and Operation personnel.

Resumes of Contractor's primary and back-up service technicians that will be doing the onsite training to service described in this contract shall be provided.

- G. Documented certification that the Contractor is a Wonderware Intouch System Integrator. Documentation that the Contractor has the capability and experience with Wonderware.
- H. Documentation that Contractor has the capability and experience with Microsoft Access Database as data collection and report generator with Wonderware.
- I. Documentation that Contractor has the capability and experience of Microsoft Excel Spreadsheet as a report generator with Wonderware.
- J. Documentation that Contractor has experience and capabilities to service and program Allen Bradley PLC's, Automation Direct PLC's, and General Electric Fanuc PLC's.
- K. List and description of any related projects performed for the City of Chattanooga related to Motorola Moscad systems.

- L. List and description of any related projects performed for the City of Chattanooga.
- M. Description of the Contractor's approach for providing these services in timely, efficiently, and effective manner.

1.3 SAFETY PROTOCOLS AND PROCEDURES

All contractors shall abide by The MBWWTP Safety Protocols and Procedures, which include, but are not limited to, wearing hard hats when and where required, safety shoes at all times, safety glasses when and where required, hearing protection when and where required, Hi-Vis Safety Vest at all times, Flame Resistant Clothing when and where required.

1.4 WARRANTY

The service and repair work including parts shall be warranted for a period of 12 months after work was performed against defects in workmanship, materials, and installation.

2.0 SERVICE AND PARTS

2.1 SERVICE AND SCHEDULE

- A. The Contractor shall provide the services of the qualified service technician(s) listed above on-site for emergency services, training, installation, and trouble shooting of software and hardware for Motorola Moscad remote telemetry and central receiving stations

The City will perform all normal corrective and preventive maintenance.

- B. The Contractor shall be able to respond within 24 hours to any emergency calls.

The Contractor shall provide emergency numbers to call for after normal hours and holiday technical assistance via telephone or Internet.

- C. The Contractor shall provide the non-emergency and training 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 Contractor's employees and to efficiently use the services of the technician while on site.

2.2 PARTS AND REPAIR COMPONENTS

The City shall provide all parts needed for repairs unless there is an immediate need. In this case, the Contractor will provide the necessary parts and the City will reimburse the Contractor.

2.3 TRAINING SERVICES

- A. The City will provide at least one (1) employee to work with the Contractor's service technician while on site. When possible, the City's employee will perform the service work under the guidance of the Contractor's service technician.
- B. If requested by the City, the Contractor shall provide the services of a trained service technician to provide training on the Basics of MOSCAD System Operation and Maintenance. This training will be provided for the City's electrical/instrumentation staff. This training will be provided on site at the Moccasin Bend WWTP. The City and Contractor will mutually schedule the time for the training.
- C. If requested by the City, the Contractor shall provide the services of a trained service technician to provide training on Advanced MOSCAD System Operation and Maintenance. This training will be provided for the City's electrical/instrumentation staff. This training will be provided on site at the Moccasin Bend WWTP. The City and Contractor will mutually schedule the time for the training.

3.0 EXECUTION

3.1 WORK SCHEDULE

The services provided under this contract shall be performed during the City's normal working hours (8:00 a.m. – 4:30 p.m.) Monday through Friday unless otherwise mutually agreed upon by the Contractor and the City. Overtime rates will not be applicable.

3.2 RECORD OF SERVICE PERFORMED

The Contractor shall provide a record of all services made during each work period via a copy of the Contractor's standard service report.

3.3 INITIATION OF WORK

Work shall begin within 30 days after receipt of the City's purchase order for this Contract. Work shall be performed on a mutually agreed upon work schedule.

3.4 BID PRICE

The Contractor's experience with Motorola Moscad system will be taken into account in evaluating the Bids.

It is the intent that the City shall be provided with experienced service technicians that are familiar with the City's software, equipment, process, configuration, and programming of its Motorola Moscad system.

It is not the City's intent to pay for the Contractor to become familiar and acclimated to the system. It is the responsibility of the Contractor to cover the cost to become integrally familiar with the City's system. Contractor shall factor the cost of becoming familiar with system into the hourly rate being requested for this Bid.

Pricing shall be based on an hourly basis. The total for the hourly cost must include any subcontracting, travel and living expenses that will be incurred. No other expenses will be paid in addition to the hourly rate.

It is estimated that the services required under this contract will at least be one 40-hour week each month. Additional services may be requested by the City as needed.

Affirmative Action Plan

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

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

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

(Signature of Contractor)

(Title and Name of Company)

(Date)

Chapter No. 817 (HB0261/SB0377).

"Iran Divestment Act" enacted.

Vendor Disclosure and Acknowledgement

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

(SIGNED)

(PRINTED NAME)

(BUSINESS NAME)

(DATE)

No Contact/No Advocacy Affidavit

City of Chattanooga
Purchasing Division

For Submission with Sealed RFP, RFQ, Sealed Bid Responses:

State of _____

County of _____

_____ (agent name), being first duly sworn, deposes and says 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 # _____;

(2) _____ (agent name) swears or affirms that the Submitter
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: _____

Subscribed and sworn to before me this _____ day of _____, 2____.

Notary Public: _____

My commission expires: _____