

# BID SOLICITATION



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

**BID OPENING DATE AND TIME:**  
 31-JAN-17 at 2:00 PM

**BID NUMBER: 304558**

**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  
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Item	Class-Item	Quantity	Unit	Unit Price	Total
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Requisition No.: 147641  
 Ordering Dept.: Waste Resources  
 Buyer: Geoffrey Hipp 423-643-7233  
 \*\*\*\*\*

DESCRIPTION: Replacement/Repair of Two Wastewater Digester Insulated Covers per specifications  
 \*\*\*\*\*

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

\*  
 A PRE-BID MEETING WILL BE HELD JANUARY 18, 2017  
 AT 10:00 AM AT MOCCASIN BEND WASTEWATER  
 TREATMENT LANT O&C CONFERENCE ROOM  
 \*

\*\*\*\*\*  
 \*\*\* BIDS MUST BE RECEIVED NO LATER THAN \*\*\*  
 \*\*\*\*\* 2:00 PM ON JANUARY 31, 2017 \*\*\*\*\*  
 \*\*\*\*\*

PLEASE SUBMIT BIDS IN DUPLICATE INDICATING  
 BID NUMBER (304558) 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 \_\_\_\_\_  
 Address \_\_\_\_\_  
 Phone/Toll-Free No. \_\_\_\_\_  
 Fax No. \_\_\_\_\_  
 E-Mail Address \_\_\_\_\_  
 Contact Person's Name \_\_\_\_\_  
 Estimated Delivery \_\_\_\_\_

Minority-Owned Business \_\_\_ Small Business \_\_\_ Veteran \_\_\_  
 Minority Woman Owned Business \_\_\_ Disabled Veteran \_\_\_

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Item	Class-Item	Quantity	Unit	Unit Price	Total
Women-Owned Business <input type="checkbox"/>					

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

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

**TERMS OF PAYMENT:** \_\_\_\_\_  
**TELEPHONE NUMBER:** \_\_\_\_\_

**COMPANY:** \_\_\_\_\_  
**SIGNATURE:** \_\_\_\_\_  
**NAME AND TITLE:** \_\_\_\_\_

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City of Chattanooga  
 101 East 11th Street, Suite G13  
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Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Replacement/Repair of Two Wastewater Digester Insulated Covers per attached Specifications	1	Each	_____	_____

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COMPANY: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

NAME AND TITLE: \_\_\_\_\_

**SPECIFICATIONS FOR REPLACEMENT/REPAIR OF  
TWO WASTEWATER DIGESTER INSULATED COVERS  
MOCCASIN BEND WASTEWATER TREATMENT PLANT  
CHATTANOOGA, TENNESSEE**

December, 2016

**A. GENERAL INFORMATION**

1. These specifications are for a lump-sum price for the purchase and installation of two (2) circular digester covers at the Moccasin Bend Wastewater Treatment Plant, 455 Moccasin Bend Road, Chattanooga, TN 37105. Both units have an approximate diameter of 65 feet.
2. All prospective bidders who have not previously visited the work site are required to do so in order to be familiar with the work prior to submitting a bid.
3. A pre-bid meeting will be held on January 18th at 10:00 a.m. at the Operations and Control Building Conference Room at the above-noted address.
4. The contractor shall be responsible for all work required to complete the installation such as, but not limited to, coordinating with operations, removing damaged insulation, installing/repairing a coated spray polyurethane foam cover for digester #1 and digester #2.

**B. DETAILED SCOPE OF WORK**

1. Set up safety tie off system.
2. Covers will be power washed/cleaned with high-pressure water to remove dirt and debris. Vehicles and all other property in adjacent areas shall be protected from damage by the contractor during the entire project. The contractor will be responsible for any damage to vehicles or property which occur as a direct result of their performance of this project.
3. All damaged and blistered areas will be removed/torn out down to solid metal or foam substrate.
4. All penetrations/pipes will be covered with plastic to protect from overspray.
5. Areas to be repaired shall be sprayed with 1.5 to 2 inches of closed cell polyurethane foam over newly torn out areas to restore to original grade.
6. Blisters will be repaired with an approved roofing foam meeting the following performance values:

PROPERTY	VALUE
Nominal Density	2.7 lbs. /cu. ft. min.
Compressive Strength Parallel	50 psi minimum
K-Factor Initial	0.15
R per inch Initial	6.7
Tensile Strength	83 psi minimum
Closed Cell Content	98% by volume min.
Viscosity A/B @ 77°F	250/675
Moisture Permeation Rate	1.4 perm/inch

7. All mechanical damages will be repaired with silicone mastic.
8. The perimeter shall be cleaned and recaulked.
9. The entire cover shall be sprayed with a 15 mm topcoat of silicone over the entire digester top and to continue six (6) inches over the face/side of the digester. Coating shall meet the following performance values:

PHYSICAL PROPERTY	TYPICAL VALUE
Tensile Strength	500 psi min
Elongation	150 %
Shore A Hardness (inst-5 sec.)	50 ± 5 Shore A
Tack-Free Time	1 to 2 hrs. depends upon relative humidity
Service Temperature	-40°F to 180°F
Application Temperature	+40°F to 150°F

10. Installation of 3M ceramic granules into wet topcoat at the rate of 35-40 pounds per 100 square feet.
11. Clean up all trash and debris and remove from property.
12. 10-year no leak manufacturer's warranty.
13. Project superintendent shall be OSHA 30-hour trained in safety and health. Proof of certification shall be submitted with bid package.

14. All material shall be guaranteed to be as specified. All work is to be completed in a professional manner according to standard practices. Any alteration or deviation from the above specifications shall be executed only upon written orders.
15. Contractor shall also comply with all Federal, State, Local or Plant safety regulations, policies or laws. Contractor shall submit a written safety plan for approval prior to mobilizing on site.
16. Roofing contractor must be SPFA approved.

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](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)

## REQUIREMENTS FOR INSURANCE COVERAGE

Contractor shall purchase and maintain during the life of this Agreement, insurance coverage which will satisfactorily insure Contractor against claims and liabilities which arise because of the execution of this Agreement, with the minimum insurance coverage as follows:

- a. Commercial General Liability Insurance, with a limit of \$1,000,000 for each occurrence and \$2,000,000 in the general aggregate.
- b. Automobile Liability Insurance, with a limit of \$1,000,000 for each accident, combined single limit for bodily injury and property damage.
- c. Worker's Compensation Insurance and Employer's Liability Insurance, in accordance with statutory requirements, with a limit of \$500,000 for each accident.
- d. Professional Liability Insurance, with a limit of \$1,000,000 for each claim and aggregate.

If any of the above cited policies expire during the life of this Agreement, it is the Contractor's responsibility to forward renewal Certificates within ten (10) days after the renewal date containing all the aforementioned insurance provisions.

Certificates must specifically cite the following provisions:

- i. City of Chattanooga, its agents, representatives, officers, directors, officials and employees must be named an Additional Insured under the following policies:
  - a) Commercial General Liability
  - b) Auto Liability
  - c) Worker's Compensation Insurance and Employer's Liability Insurance
  - d) Professional Liability Insurance
- ii. Contractor's insurance must be primary insurance as respects performance of subject contract.
- iii. All policies, except Professional Liability Insurance, if applicable, waives rights of recovery (subrogation) against City of Chattanooga, its agents, representatives, officers, directors, officials and employees for any claims arising out of work or services performed by Contractor under this Agreement.



## 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.

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(Signature of Contractor)

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(Title and Name of Company)

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(Date)