

# BID SOLICITATION



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

**BID OPENING DATE AND TIME:**  
 21-JAN-20 at 2:00 PM

**BID NUMBER: 305736**

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
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Requisition No.: 193862  
 Bid No.: 305736  
 Ordering Dept.: Waste Resources Division, Public Works  
 Buyer: Amanda Berkowitz  
 Phone No.: (423) 643-7233  
 Email: aberkowitz@chattanooga.gov

Items Being Purchased: Bulk Quicklime

ATTACHMENTS:  
 Specifications (7 pgs)  
 Affirmative Action Plan (2 pgs)  
 Iran Divestment Act (1 pg)  
 No Contact / No Advocacy Statement (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.

This Shall Be A Twelve (12) Month Blanket Contract To Supply Bulk Quicklime. 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.

QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT.

\*\*\*\* 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.

\*\*\* BID MUST BE RECEIVED NO LATER THAN \*\*\*  
 \*\*\* 2:00 PM EST ON JANUARY 21, 2020 \*\*\*

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 levels. Such references ar enot intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.

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

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Item	Class-Item	Quantity	Unit	Unit Price	Total
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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.

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

Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Bulk Quick Pebble Lime	2500	Ton	_____	_____

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

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

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

**SPECIFICATIONS FOR  
SUPPLY AND DELIVERY  
OF  
BULK QUICKLIME  
City of Chattanooga, Tennessee  
Moccasin Bend Wastewater Treatment Plant  
2019**

**1.0 GENERAL**

**1.1 SCOPE OF SERVICES**

The scope of services covered by these specifications includes the supply and delivery of Bulk Quicklime as specified. This product will be used for pre-conditioning of sludge prior to de-watering in the City's filter press system.

**1.2 BID PROPOSAL**

The following information shall be submitted with all bids:

1. Unit price per dry ton delivered and unloaded at the Moccasin Bend Wastewater Treatment Plant, 455 Moccasin Bend Road, Chattanooga, Tennessee 37405.
2. Method of shipment and price differential, if any.
3. Name and phone numbers of person to contact for ordering shipments.
4. Estimated time between placing of order and actual delivery.
5. Estimated time required to receive emergency shipment and location of emergency supply; names and phone numbers of persons to contact for emergency shipment or on holidays, weekends, and after hours.
6. Copies of product data sheet and material safety data sheet.
7. Names and location of material producer.
8. Point of shipment.
9. Evidence of quantity support from the producer.

## **2.0 PRODUCTS**

### **2.1 PRODUCT DESCRIPTION**

The product specified herein is described as follows:

- a. Product Name – Bulk Quicklime
- b. Chemical Name & Synonyms – High Calcium ‘Fines’ Quick Lime

### **2.2 CHEMICAL ANALYSIS**

The chemical analysis for the Bulk Quicklime as delivered shall meet the following minimum and maximum concentrations by weight:

PARAMETER	MEAN VALUE	MINIMUM & MAXIMUM ACCEPTABLE VALUE
a. Available Calcium (CaO)	92%	90% minimum
b. Loss on Ignition (LOI)	1.2%	1.0% maximum
c. Magnesium Oxide (MgO)	0.9%	1.0% maximum
d. Insoluble Matter	3.0%	5.0% maximum

### **PHYSICAL PROPERTIES**

The Bulk Quicklime shall have the following physical properties:

PARAMETER	MEAN VALUE	MINIMUM & MAXIMUM ACCEPTABLE VALUE
a. Slaking Rate- temperature rise at 3 minutes or less. Complete reaction within 10 minutes or less.	48° C	40° C minimum
b. Residue after Slaking- percent by weight on 100 mesh screen.	3.0%	5.0% maximum

- |   |  |              |
|---|--|--------------|
| c. Size and Sieve Analysis-<br>10 mesh (rice size); no materials shall be retained on a ½ inch screen. Allowable percent of dust and fines passing through 100 mesh screen. | 3.0%   | 5.0% maximum |
| d. Impurities   | Shall meet the impurity requirements of the Water Chemicals Code |              |

### **2.3 OTHER**

The Bulk Quicklime shall be a homogenous mixture that is free of trash, rocks, sticks, metal, and other materials that might plug or damage downstream lines, valves, and/or equipment. All material must be screened prior to being loaded into the truck.

The Vendor shall be responsible for the cost to repair any damages to City equipment and piping resulting from the delivery of improperly screened Quicklime.

### **3.0 EXECUTION**

#### **3.1 SHIPMENT OF PRODUCT**

Shipments of Bulk Quicklime to the Moccasin Bend Wastewater Treatment Plant at 455 Moccasin Bend Road, Chattanooga, Tennessee 37405 shall be by 20 to 25 ton tank trucks. Trucks and tank trailers shall meet and be approved for all D.O.T. specifications, standards, and regulations.

Defective tank trucks from which Bulk Quicklime cannot be unloaded because of defective valves, pumps, or other reasons shall be rejected and returned at the Vendor's expense.

A Certificate of Analysis and sample of the load shall accompany all shipments. Information included on this certificate shall include the parameters listed in Paragraphs 2.2 and 2.3 of these specifications. A certified weight ticket shall also be provided.

The Vendor, if mutually agreeable with the City, may submit a certification stating that its product meets the above requirements provided that Vendor also provides

adequate and the most recent production control and statistical process data to support his certification. This certification would be submitted in lieu of the Certificate of Analysis.

### **3.2 DELIVERY OF PRODUCT**

Delivery shall be made on an “as needed” basis within twenty-four (24) hours of notice. Deliveries shall be accepted Mondays through Fridays except during emergencies. Nighttime deliveries may be requested by the City.

The Vendor, the Vendor’s truck drivers, and their related support personnel shall adhere to plant safety regulations while on the plant site. Those not wanting to follow the regulations shall not be allowed back on the plant site.

### **3.3 UNLOADING OF PRODUCT**

Vendor shall provide all hoses and hose connections necessary to connect to the City’s storage tank loading station for filling the tanks with product.

Unloading of product shall not be initiated until a City representative is present along with verification of COA and sample provided.

Any material spilled from the truck during unloading or while it is on site shall be cleaned up by the Vendor’s truck driver or support personnel.

Venting or blowing any lime dust outside of the delivery vessel is strictly prohibited and may result in load rejection from the site.

A MAXIMUM of ten (10) pounds of air pressure will be permitted to unload the truck and to “blow out” fill lines. Vendors and Vendor’s trucking company not willing to observe this restriction will not be allowed back on the plant site.

Any problems with any of the City’s equipment, piping, or tanks involved in the unloading process shall be brought to the City’s attention immediately.

Any claims for damage or demurrage by the Vendor’s trucking company will be directed to the Vendor, not the City, since the City has no contractual obligation with the trucking company. It will be the responsibility of the Vendor to make such claims to the City.

The Vendor’s trucking company shall not dismantle or adjust any of the City’s equipment, piping, or tanks without permission of the City representative.

### 3.4 SAMPLING AND TESTING

#### 3.4.1 – Sampling

The Vendor shall provide, at a minimum, one sample of approximately 4-5 ounces of product for every load delivered to the plant site. This sample shall be collected from the line loading the Bulk Quicklime into the tank truck at the time the truck is being loaded. Samples shall be properly labeled with time, date, person sampling, and shipping ticket number.

The City reserves the right at any time to collect samples during the loading process during normal working hours at the loading site.

The plant laboratory shall retain samples for 30 days before discarding.

#### 3.4.2 – Testing

The plant laboratory shall perform the following tests on all samples collected:

- |                     |                 |
|---------------------|-----------------|
| a. Available CaO    | % concentration |
| b. Insoluble Matter | % concentration |
| c. Loss on Ignition | % concentration |

The plant laboratory may perform the following tests on all samples collected as required:

- |                    |                  |
|--------------------|------------------|
| a. Slaking Rate    | Temperature Rise |
| b. Magnesium Oxide | % concentration  |
| c. Sieve Analysis  | % concentration  |

The following test procedures will be utilized in performing the above tests:

- |                     |              |
|---------------------|--------------|
| a. Available CaO    | AWWA B202-88 |
| b. Slaking Rate     | AWWA B202-88 |
| c. Loss on Ignition | ASTM C25     |
| d. Insoluble Matter | AWWA B202-88 |
| e. Magnesium Oxide  | ASTM C25     |
| f. Sieve Analysis   | ASTM C110    |

Results of above tests will be provided to Vendor upon request.

The Vendor will be notified immediately of any samples not meeting the maximum and minimum concentrations of the above parameters listed in Paragraph 2.2.

#### **4.0 PAYMENT AND PENALTIES**

##### **4.1 PAYMENT**

The basis for payment shall be the dry weight of Bulk Quicklime delivered and unloaded at the plant site.

Net weight shall be based on the weight of product.

The City will make payment to the Vendor according to the City's normal policies and procedures.

Invoices to the City shall reference the first and last name of the City employee placing the order.

Invoices must list a valid e-mail address for billing questions and inquiries.

Invoices must be sent to the City on the Invoice Date.

Accurate Invoices, with all appropriate backup documentation, shall be sent to:

City of Chattanooga  
Attn: Accounts Payable Division  
101 East 11<sup>th</sup> Street, Suite 101  
Chattanooga, TN 37402  
[acctspayable@chattanooga.gov](mailto:acctspayable@chattanooga.gov)

And a copy sent to:

Moccasin Bend Wastewater Treatment Plant  
Attn: Inventory Coordinator  
455 Moccasin Bend Road  
Chattanooga, TN 37405  
[MBacctspayable@chattanooga.gov](mailto:MBacctspayable@chattanooga.gov)

##### **4.2 PENALTIES**

Any trailer load of Bulk Quicklime not meeting any of the maximum or minimum concentration for the parameters listed in Paragraph 2.2 shall be rejected and/or removed

SPECIFICATIONS FOR  
SUPPLY AND DELIVERY OF  
BULK QUICKLIME  
City of Chattanooga, Tennessee  
Page 7 of 7

from the City's storage tank at the Vendor's expense. The Vendor shall still be responsible for providing the product on twenty-four (24) hour notice.

If it is necessary to reject more than four (4) trailer loads, it shall be grounds for the termination of this contract.

### **4.3 OTHER**

The City of Chattanooga reserves the right to cancel the remainder of the contract should the Vendor fail to meet specifications and/or delivery requirements.

## 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.

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(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 Statement**

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: \_\_\_\_\_