

BID SOLICITATION



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

BID OPENING DATE AND TIME:
 03-SEP-19 at 2:00 PM
BID NUMBER: 305582

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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Item	Class-Item	Quantity	Unit	Unit Price	Total
Requisition No.: 185099 Bid No.: 305582 Ordering Dept.: Waste Resources Division, Public Works Buyer: Amanda Berkowitz Phone No.: (423) 643-7233 Items Being Purchased: Liquid Sodium Bisulfite Deadline for Questions: August 27, 2019 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. This Shall Be A Twelve (12) Month Blanket Contract For Liquid Sodium Bisulfite 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. 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 3, 2019 *** **** 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 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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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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Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Liquid Sodium Bisulfite	1500	Ton	_____	_____

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COMPANY: _____

SIGNATURE: _____

NAME AND TITLE: _____

**SPECIFICATIONS FOR SUPPLY AND DELIVERY OF
LIQUID SODIUM BISULFITE
MOCCASIN BEND WASTEWATER TREATMENT PLANT
CHATTANOOGA, TENNESSEE**

1.0 GENERAL

1.1 SCOPE

The scope of services covered by these specifications shall be a contract for the supply and delivery of 25 loads per month, more or less, of liquid sodium bisulfite as specified herein.

1.2 APPLICATION

Liquid sodium bisulfite will be used for dechlorination of chlorinated municipal wastewater.

1.3 SUBMITTALS

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. Name and phone numbers of person to contact for ordering shipment.
3. Estimated time between placing of order and actual delivery.
4. Estimated time required to receive emergency shipment and location of emergency supply; names and phone numbers of persons to contact for emergency shipment of holidays, weekends, and after hours.
5. Copies of product data sheet and material safety data sheet.
9. Names and location of material producer.
10. Point of shipment.
11. Evidence of quantity support from the producer.

2.0 PRODUCTS

2.1 GENERAL DESCRIPTION

The product specified herein is described as follows:

- a. Product Name
Sodium Bisulfate Aqueous Solution
- b. Chemical Name & Synonyms

*Sodium Bisulfite Aqueous Solution
(NaHSO₃ in aqueous solution)*

- c. CAS Registry Number
7631-90-5
- d. DOT Proper Shipping Name
Bisulfites, Aqueous Solutions (Sodium Bisulfite)
- e. DOT Hazard Class and ID Number
Corrosive Material, UN2693
- f. Clean Water Act Reportable Number
5000 lbs on dry weight basis

2.2 CHEMICAL ANALYSIS

The Chemical analysis for the liquid sodium bisulfite as delivered shall meet the following minimum and maximum concentration by weight:

<u>PARAMETER</u>	<u>CONCENTRATION</u>
a. NaHSO ₃ , % by weight	38.0 to 44.0
b. SO ₃ , % by weight	23.4 to 27.0
c. Sodium Thiosulfate (ppm)	100 ±
d. Iron as Fe (ppm)	<5
e. Sulfate as Na ₂ SO ₄ , % by weight	1

*Concentration may be adjusted seasonally to avoid crystallization during transit.

2.3 PHYSICAL PROPERTIES

The liquid sodium bisulfite shall have the following physical properties:

<u>PARAMETER</u>	<u>PROPERTY</u>
a. Appearance and Odor	clear yellow liquid, pungent odor
b. Specific Gravity	1.30 to 1.36
c. pH	3.5 to 5.0
d. Solubility in Water	Dilutable
e. Vapor Pressure	32 mm Hg (Est.)

- f. Boiling Point 103°C/217°F (Est.)
- g. Density 10.8 to 11.3 lbs/gal

3.0 EXECUTION

3.1 SHIPMENT AND DELIVERY OF PRODUCT

3.1.1 Shipment of Product

Shipments of liquid sodium bisulfite to the Moccasin Bend Wastewater Treatment Plant at 455 Moccasin Bend Road, Chattanooga, Tennessee 37405 shall be by 4500 gallon rubber lined tank trucks. Trucks and tank trailers shall meet and be approved for all D.O.T. specifications, standards, and regulations.

All shipments to the plant shall be accompanied by a Certificate of Analysis. Information included on this certificate shall include the parameters listed in Paragraph 2.2 along with the specific gravity of the material. A certified weight ticket shall also be provided.

3.1.2 Delivery of Product

Delivery shall be made on an "as needed" basis within forty-eight (48) hours of notice.

All deliveries shall weigh in and weigh out on the plant scales.

The Contractor, the Contractor's truck drivers, and their related support personnel shall adhere to plant safety regulations while on the plant site.

The contractor shall supply a Spill Response Plan and Safety Plan prior to first delivery.

3.2 SAMPLING AND TESTING OF PRODUCT

3.2.1 Sampling

The City, at its own discretion, may initiate sampling of each load or random sampling. Each sample shall consist of a one (1) liter (minimum) grab sample per tank truck. This sample shall be collected from each tank truck prior to unloading. Split samples shall be furnished to the Contractor upon request. Samples shall be properly labeled with time, date, person sampling, and shipping ticket number.

Samples shall be retained for 30 days by the plant laboratory before discarding.

3.2.2 Testing

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

- 3.3.1 a. NaHSO₃ % concentration by weight
- b. SO₂ Available % concentration by weight

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

- | | | |
|----|---------------------------|----------------------------------------|
| a. | NaHSO ₃ | Normally accepted Industrial Standards |
| b. | SO ₃ Available | Normally accepted Industrial Standards |

Results of above tests will be provided to Contractor upon requests.

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

3.3 PAYMENT AND PENALTIES

3.3.1 Payment

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

Net weight shall be based on product analysis and scale weights.

3.3.2 Penalties

Any tank truck load of sodium bisulfite not meeting any of the maximum or minimum concentration for the parameters listed in Paragraph 2.2 shall be rejected. The Contractor shall still be responsible for providing the product on seventy-two (72) hour notice.

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: _____