

Meeting Date: 6/5/2014

Report Type: Review

Report ID: 2014-00399

Title: (Agreement/Contract for Review and Information) Liquid Sodium Hypochlorite in Bulk for Wastewater Treatment

Location: Citywide

Recommendation: Review a report 1) awarding a contract for the purchase of Liquid Sodium Hypochlorite (Bid# B1414111101209) to Olin Corporation dba Olin Chlor Alkali Products, for an initial term of one-year with up to four one-year extension options, in an amount not to exceed \$1,108,296 for the maximum five-year term; and 2) requesting authorization for the City Manager, or the City Manager's designee, to approve the one-year extensions, provided that sufficient funds are available for this purpose in the budget adopted for the applicable fiscal year(s); and 3) continue to June 10, 2014 for approval.

Contact: Michael Malone, Operations Manager, (916) 808-6226; Dave A. Phillips, Operations & Maintenance Superintendent, (916) 808-5652, Department of Utilities

Presenter: None

Department: Department Of Utilities

Division: Water Production Operations

Dept ID: 14001111

Attachments:

1-Description/Analysis

2-Background

3-Exhibit A - B14141111009 NaCl Olin Corporation

4-Exhibit B - B14141111009 ADDENDUM 1

5-Exhibit C - B14141111009 ADDENDUM 2

6-Exhibit D - IFB Eval Form B14141111009 Sodium Hypochlorite

City Attorney Review

Approved as to Form

Joe Robinson

5/21/2014 10:27:53 AM

Approvals/Acknowledgements

Department Director or Designee: Dave Brent - 5/19/2014 11:22:46 AM

Description/Analysis

Issue: The Department of Utilities (DOU), Operations & Maintenance Division, operates various facilities for wastewater treatment. During the wastewater treatment process, Liquid Sodium Hypochlorite is used to treat the wastewater at the Combined Wastewater Treatment Plant and Pioneer Reservoir in accordance with National Pollutant Discharge Elimination System (NPDES) permit requirements. DOU has an ongoing need for Liquid Sodium Hypochlorite inventory.

Policy Considerations: City Council approval is required for contract purchase amounts of \$100,000 or more.

Economic Impacts: Not Applicable

Environmental Considerations: The use of Liquid Sodium Hypochlorite is an ongoing activity at the Combined Wastewater Treatment Plant and Pioneer Reservoir. This agreement would not result in any substantial change in the existing operations and processes. The use of Liquid Sodium Hypochlorite is regulated by permit requirements for the State of California, Regional Water Quality Control Board.

The Community Development Department, Environmental Planning Services has reviewed the proposed purchase and determined that the project is exempt from review under the California Environmental Quality Act (CEQA), under Section 15061(b)(3) of the CEQA Guidelines.. The activity is covered by the general rule that CEQA applies only to projects, which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment the activity is not subject to CEQA. In addition, the ongoing purchase of supplies is not a “project” under CEQA Guidelines Section 15378(b)(2).

Sustainability: The Liquid Sodium Hypochlorite purchased under this contract complies with Section 8 of the City’s Sustainability Master Plan to continue to protect the sources of water.

Commission/Committee Action: Not Applicable

Rationale for Recommendation: DOU has an ongoing need to purchase Liquid Sodium Hypochlorite for its inventory to ensure continuation of services to its customers. The Department advertised for bids through the City Clerk and City Procurement website and the City Clerk opened 4 bids on April 16, 2014. The lowest responsible and responsive bidder was Olin Corporation dba Olin Chlor Alkali Products with a total of \$164,377.50 for one year.

Liquid Sodium Hypochlorite (Unit price - Gallons delivered)				
Est. Qty - 300,000 Gals	Unit Price	Subtotal	Sales Tax	Annual Total
Olin Corporation	\$0.505	\$151,500.000	\$12,877.50	\$164,377.50
Sierra Chemical Company	\$0.599	\$179,700.000	\$15,274.50	\$194,974.50
Thatcher Company of CA	\$0.759	\$227,700.000	\$19,354.50	\$247,054.50
Univar USA, Inc.	\$1.0156	\$304,680.000	\$25,897.80	\$330,577.80

Financial Considerations: The proposed contract has an initial one-year term, with the option to extend for up to four additional one-year terms, for a total amount not-to-exceed \$1,108,295.70 for the maximum five-year term. Sufficient funding for the initial one year term, in the amount of \$164,377.50 is available in the DOU, Operations & Maintenance Division FY2014/15 operating budget. Extensions of the contract in succeeding fiscal years will be subject to funding availability in the adopted budgets for each fiscal year.

Local Business Enterprise (LBE): Olin Corporation dba Olin Chlor Alkali Products is not an LBE. Due to a lack of local manufacturers staff requested a LBE Participation Waiver to ensure competitive bidding in the best interests of the City. The Economic Development Department approved a waiver of the LBE participation requirement for this purchase.

Background

The Department of Utilities (DOU), Plant Services Division, operates various facilities for wastewater treatment. During the wastewater treatment process, Liquid Sodium Hypochlorite is used to treat the wastewater at the Combined Wastewater Treatment Plant and Pioneer Reservoir in accordance with National Pollutant Discharge Elimination System (NPDES) permit requirements from the State of California, Regional Water Quality Control Board.

The Operations & Maintenance Division is requesting approval to obtain a one-year contract, with the option to renew yearly for an additional four years, for a total term of no more than five years. Per Bid #B1414111009, the low bidder's unit price is \$0.505 per gallon delivered at the estimated 300,000 gallons, for an initial one year total of \$164,377.50, including taxes. The proposed pricing of \$0.505 per gallon is lower than our current FY 2013/14 pricing of \$0.80 per gallon.

Pricing for subsequent years is subject to increases or decreases due to market demand and outside costs such as rail or freight expenses. Any increase in price for subsequent years requires written justification and is subject to review and approval by City staff. In addition, the amount of chemical quantities used fluctuates from year to year and is dependent on multiple variables (e.g. amount of rainfall, river turbidity, temperature, etc.). In order to cover any potential increases in cost and/or increased quantities of materials used over the next five years, staff has estimated an average 15% increase per year. DOU is requesting approval of a not-to-exceed amount of \$1,108,295.70, including taxes, for the maximum potential term of five years. The table below indicates potential yearly cost increases, assuming a 15% per year cost increase.

Year 1	Year 2	Year 3	Year 4	Year 5	Total
\$164,377.50	\$189,034.12	\$217,389.24	\$249,997.62	\$287,497.26	\$1,108,295.70



CITY OF SACRAMENTO

Department of Utilities, Operations & Maintenance Division
(Responsible Department)

Bid Number: B14141111009

INVITATION FOR BID And Contract Specifications for Supplies

FOR: Liquid Sodium Hypochlorite in Bulk

Bids Must Be Received Up To The Hour of 2:00 P.M. on April 2, 2014

Bids Must Be Submitted To: Office of the City Clerk
915 I Street, New City Hall
4th Floor Public Counter
Sacramento, CA 95814

Pre-Bid Conference: _____
Mandatory: Yes _____
 No _____

NAME AND ADDRESS OF BIDDER SUBMITTING THIS BID: (Bidder to complete the following information)

Name of Bidder: Olin Corporation, dba Olin Chlor Alkali Products

Address: 26700 South Banta Road

City, State, Zip Code: Tracy, CA 95304

Phone Number: 209-835-7204, 209-835-9760 fax

Email Address: JMSchabacker@olin.com

CITY OF SACRAMENTO

**Bid No. B14141111009
TABLE OF CONTENTS**

Document Title	Page No. or N/A
SECTION I - REQUIREMENTS	
A. Electronic Bid Document(s) Availability	4
B. Bid Instructions and Requirements	5
C. Bid Signature Page	9
D. Equal Benefits Ordinance (EBO) Requirements	11
E. Local Business Enterprise (LBE) Participation Requirements	15
SECTION II – CONTRACT DOCUMENTS	
A. General Conditions	20
B. Special Provisions	30
C. Technical Specifications	34
SECTION III – BIDDER RESPONSE DOCUMENTS	
A. Items Requiring Bidder Response	42
B. Submittals Required Prior to Start of Contract	43
C. Equal Benefits Ordinance (EBO) Declaration of Compliance	44
D. Local Business Enterprise (LBE) Participation Program	47
E. Pricing Schedule	48

SECTION I REQUIREMENTS

SECTION I – REQUIREMENTS

A. Electronic Bid Document(s) Availability

1. Official Electronic copies of this bid document can be obtained only from the City of Sacramento's official web bid page. <http://www.planetbids.com/portal/portal.cfm?CompanyID=15300>
2. Any additional information (Addenda, Q&A, etc.) pertaining to this bid will also be found at the above official link.
3. Bid information obtained from third party sources **will not be considered official** and will not fulfill a bidder's responsibility for all official bid information as posted on our official site at the link above.

SECTION I – REQUIREMENTS

B. BID INSTRUCTIONS AND REQUIREMENTS

No Bid Is In Legal Form Unless the Following Instructions Are Fully Complied With

1. **Additional Copies.** VENDORS ARE REQUIRED TO SUBMIT AN ORIGINAL BID, INCLUDING ALL REQUIRED ATTACHMENTS SUCH AS BROCHURES AND CATALOGS, TO THE CITY CLERK ON THE DATE AND AT THE TIME AND LOCATION SPECIFIED ON THE COVER SHEET. FAILURE TO DO SO MAY CAUSE YOUR BID TO BE REJECTED.
2. **Bid Forms.** Bid must be submitted on these printed forms and sealed in an appropriate envelope or package. Bid submission envelopes/packages shall exhibit the City's bid name and number, and include the vendor's name and address printed on the outside of the envelope/package
 - a) To obtain an electronic version of this bid go to Procurement's website at <http://www.planetbids.com/portal/portal.cfm?CompanyID=15300>
 - b) Bidders are invited to be present at the opening of bids. Bids will be opened, in public, in the Historic City Hall, Historic Chambers, 915 "I" Street, 2nd Floor, Sacramento, CA at or after 2:00 P.M. on Wednesday, March 12, 2014. After opening, Bids may be inspected in the City Clerk's Office.

(Note: Bids must be submitted up to 2:00 P.M. on the above date)

- c) All bids shall be clearly and distinctly written without erasure or modification, and properly signed by an authorized party, who shall indicate the capacity in which the signature is executed.
3. **Alternate Bids.** Alternate bids are invalid unless invited and covered by the specifications. **Please note all submissions are subject to rejection when unsolicited alternate bids are submitted.**
4. **Bid Security.** Bid Security is: [] Required [X] Not Required

If required, bid security approved by the City must accompany the bid, in the amount of ___ % of the total amount of the bid. Bid security can be in the form of a cashier's check, certified check, or a bid bond from a surety company authorized to do business in the State of California. Bid securities will be returned to all except the three lowest Bidders within ten days after the opening of bids. The bid security of the two unsuccessful Contractors will be returned after the successful Contractor has executed the contract. Bid security of the successful Contractor will be returned when the contract is signed and all other contract award requirements have been met.
5. **Interest in More Than One Bid.** No bidder shall be interested in more than one bid (submit more than one bid for this solicitation) as provided by City Code Section 3.56.130(D).
6. **Rejection of Bids.** The right to reject any and all bids is reserved by the City, in its absolute discretion.
7. **Right to Waive.** The City reserves the right to waive any informalities or minor irregularities, as determined in its sole discretion, in connection with bids received.
- 7A. **City's Options.** City reserves the following options:
 1. The right to award in whole or in part.
 2. The right to reject all partial bids.
 3. The right to reject any or all bids or make no award.
 4. The right to issue subsequent Invitation For Bids (IFB).
 5. The right to approve or disapprove the use of particular subcontractors and/or suppliers.
 6. The right to waive any informality or irregularity in the bidding process and any bids.
 7. The right to accept a bidder's signed offer and issue a purchase order directly to the bidder based on the IFB.

- 8. **City Code.** All provisions of Chapter 3.56 of the City Code are applicable to any bid submitted or contract awarded.
- 9. **Equipment.** If equipment is bid, it shall be the newest and latest model in current production. Used, re-manufactured, shopworn, demonstrator, prototype or discontinued models are not acceptable unless otherwise stipulated by the City.
- 10. **Faithful Performance Bond.** A faithful performance bond is: Not Required Required

If required, the successful bidder must submit a performance bond in a form approved by the City Attorney, in the amount of _____.

- 11. **Payment Discounts.** Payment discounts offered for payment in less than twenty (20) days will not be considered as a basis of award. Payment discounts offered for payment in twenty (20) or more days will be subtracted from the total bid price for the purposes of bid evaluation. Any payment discount offered by the successful bidder will be accepted by the City of Sacramento, whether or not it was considered as a basis of award.
- 12. **Mandatory Pre-Bid Conference.** If a mandatory Pre-Bid Conference is indicated on the Invitation for Bid, all bidders are required to attend the conference. Failure to attend this conference will result in rejection of your bid. If a mandatory Pre-Bid Conference is indicated on the Invitation for Bid, bid packages will be made available only through the time and date of the conference. Subsequent addenda, if applicable, will be furnished only to those bidders who attended the Mandatory Pre-Bid Conference.
- 13. **Bid Inquiries.** Questions regarding this bid should be referred to:

Contractual Questions
 Department of Utilities, O&M Division
 Attention: Deanne Neighbours
 Email: dneighbours@cityofsacramento.org
 Phone: (916) 808-3536

Technical Questions
 Department of Utilities, O&M Division
 Attention: Mike Ragan
 Email: mragan@cityofsacramento.org
 Phone: (916) 808-5822

These inquiries must be submitted at least 10 days prior to the bid opening date. Any interpretations by the City will be made in the form of a written amendment. The receipt of such an amendment must be acknowledged in accordance with the directions on the amendment. Oral explanations or instructions given before the award of the contract will not be binding.

- 14. **Bid Evaluation.** In determining the amount bid by each bidder, the City shall disregard mathematical errors in addition, subtraction, multiplication and division that appear obvious on the face of the Bid. When such a mathematical error appears on the face of the Bid, the City shall have the right to correct such error and to compute the total amount bid by the bidder on the basis of the corrected figure or figures.

When an item price is required to be set forth in the Bid, and the total for the item set forth separately does not agree with a figure which is derived by multiplying the item price times the City's estimate of the quantity to be provided or performed for said item, the item price shall prevail over the sum set forth as the total for the item unless, in the sole discretion of the City, such a procedure would be inconsistent with the intent of the bid process. The total paid for each such item of work shall be based upon the item price and not the total price.

Should the Bid contain only a total price for the item and the item price is omitted, the City shall determine the item price by dividing the total price for the item by City's estimate of the estimated quantities to be provided or performed.

If the Bid contains neither the item price nor the total price for the item, then it shall be deemed incomplete and the Bid shall be disregarded.

If prospective bidders are bidding an item "or equal" the bidders shall list the manufacturer's name and product number of the item offered in the space provided. If such information is not provided, it will be assumed that the bidder is offering the exact item specified. The City's decision as to whether an item is an equal to the item specified shall be final.

- 15. Determination of Lowest Responsible Bidder.** Sacramento City Code '3.56.020 provides that the lowest responsible bidder shall be determined as follows:
- a. In determining whether a bidder is responsible, consideration shall be given to: (i) the quality and performance of the supplies to be provided by the bidder; (ii) the ability, capacity and skill of the bidder to perform the contract or effectuate the transaction; (iii) the ability of the bidder to perform the contract or effectuate the transaction within the time specified, without delay; (iv) the character, integrity, reputation, judgment, experience and efficiency of the bidder; (v) the quality of the bidder's performance on previous purchases by, or contracts with, the City; (vi) the ability of the bidder to provide future maintenance, repair parts and services for the supplies provided.
 - b. Based on the information provided in the bids, the City Council or the City Manager, as the case may be, shall identify those bids that are subject at the time of bid opening to the City's local sales or use tax under the provisions of Part 1.5 of Division 2 of the California Revenue and Taxation Code and Chapter 3.24 of the City Code. The lowest responsible bidder shall be determined after the amount of local sales or use tax that would be received by the City is deducted from such bids. This deduction shall be in addition to the application of any bid price preferences authorized by subsection c, below.
 - c. The City Council may by resolution, from time to time, adopt programs or procedures for providing bid price preferences, including but not limited to, preferences to promote the participation and utilization of local business enterprises, energy conservation and sustainability in the City's contracting for supplies and nonprofessional services. The lowest responsible bidder shall be the responsible bidder whose bid price is the lowest after all bid prices are calculated to include any such preferences. The calculation of such preferences shall be in addition to any deduction of sales or use tax required by subsection b, above.
- 16. Pre-Award Conference.** The apparent lowest responsible bidder may be required to attend a pre-award conference at a mutually acceptable time at which requirements of the Contract will be reviewed. At that time, samples of forms, reports etc., will be submitted by the Contractor for final approval.
- 17. Award by Item or Group.** The City reserves the right to increase or decrease quantities listed, make separate awards for any item, line-item or category/group of items to the lowest responsible bidders for such items or category/groups of items.
- 18. Multiple Awards.** The City reserves the right to make multiple awards in order to provide alternate sources to insure continuity of supply if meeting the City's requirements within an acceptable time period exceeds the capacity or capability of the primary contractor(s).
- 19. Contract Award.** Within ninety (90) days after the bid opening, a contract will be awarded by the City to the lowest responsible bidder, subject to the right of the City to reject all bids or waive informalities or minor irregularities, as it may deem proper. The time for awarding a contract may be extended in the sole discretion of the City, if required to evaluate bids or for such other purposes as the City may determine, unless the Bidder objects to such extension in writing with his/her bid. The City may accept this bid offer by issuance of a Notice of Award Letter, Contract and/or a Purchase order covering award of said bid to Bidder at any time on or before the 90th day following the day of this official bid is opened by the City. This offer shall be irrevocable for 90 days after bid opening or 90 days after City Council awards the bid, whichever comes last, however this period may be extended by mutual agreement of both parties.
- 20. Emergency/Declared Disaster Requirements.** In the event of an emergency or if a City facility is declared a disaster area by the county, state or federal government, this contract may be subjected to unusual usage. The consultant/vendor/supplier shall service the City during such an emergency or declared disaster under the same terms and conditions that apply during non-emergency/disaster conditions. The pricing quoted by the consultant/vendor/supplier shall apply to serving the City's needs regardless of the circumstances. If the consultant/vendor/supplier is unable to supply the goods/services under the terms of the contract because of a disruption in its chain of supply or service, then the consultant/vendor/supplier shall provide proof of such disruption which may include, but not be limited to a copy of a letter from the source of supply or service stating reason for the disruption. Additional profit margin as a result of supplying goods/services during an emergency or a declared disaster shall not be permitted.

- 21. Acceptable bid format.** All bids must show the full name of the firm bidding and must be on forms furnished by the City of Sacramento. All responses must be written in ink, printed by typewriter or computer generated. Responses made in pencil will not be considered.
- 22. Submission of Bids.** The City is not responsible for misaddressed bids. Please assure that you utilize the address appropriate for the method of delivery. Bid submissions made via commercial express courier (FedEx, United Parcel Svs.) must be addressed as follows:

**Office of the City Clerk
915 I Street, New City Hall
4th Floor Public Counter
Sacramento, CA 95814**

Bid submissions made via personal delivery shall be delivered to:

**Office of the City Clerk
915 I Street, New City Hall
4th Floor Public Counter
Sacramento, CA 95814**

23. Bid Protest. Bid protests must be filed and maintained in accordance with the provisions of Sections 3.60.460 through 3.60.560 of the Sacramento City Code. Bid protests that do not comply with Sections 3.60.460 through 3.60.560 of the Sacramento City Code shall be invalid and shall not be considered. A bid protest fee of \$750.00 is required at the time of filing to be considered valid in accordance with City of Sacramento Resolution No. 2003-231 dated April 29, 2003. As used herein, the term "bid protest" includes any bid protest that (1) claims that one or more bidders on this contract should be disqualified or rejected for any reason, or (2) contests a City staff recommendation to award this contract to a particular bidder, or (3) contests a City staff recommendation to disqualify or reject one or more bidders on this contract. Sections 3.60.460 - 3.60.560 of the Sacramento City Code are available at: <http://www.qcode.us/codes/sacramento/>

**SUBJECT TO PARAGRAPH 7 ABOVE, THE CITY CANNOT ACCEPT A
BID FAILING TO COMPLY WITH ANY OF THE ABOVE REQUIREMENTS.**

SECTION I – REQUIREMENTS

C. BID SIGNATURE PAGE

BID NO. B1414111007

FOR SERVICES/SUPPLIES: Liquid Sodium Hypochlorite in Bulk

To the City of Sacramento:

The undersigned bidder (hereafter referred to as the "Bidder" or the "Contractor") submits the attached bid, and certifies as follows: that the only persons or parties interested in this bid as principals are those named herein as bidder; that this bid is made without collusion with any other person, firm, or corporation; that in submitting this bid the bidder has examined all of the Contract Documents identified below; that the bidder proposes and agrees that if this bid is accepted, the bidder will execute and fully perform the contract for which bids are called; that the bidder shall perform all the work and/or furnish all the materials specified in the Contract Documents, in the manner and time therein prescribed, and according to the requirements as therein set forth; and that the bidder shall take in full payment therefor, the prices set forth in the attached Pricing Schedule.

CONTRACT DOCUMENTS

Performance of and payment for the contract for which bids are called shall be subject to all terms and conditions of the Invitation for Bid, the Bid Instructions and Requirements, the Bid, the Pricing Schedule(s), the Items Requiring Bidder Response, the Required Submittals, the General Conditions, and any Addenda, Amendments, Special Provisions, Specifications, Plans or other requirements applicable to performance of the work and/or furnishing the materials specified herein. Such documents, referred to herein as the Contract Documents, are fully incorporated herein by this reference and are collectively referred to as the Contract. By submitting this Bid, the Contractor agrees to fully perform each and every provision of the Contract, provided that City awards the Contract to the Contractor, and provided further that City shall have no obligation hereunder unless and until such award is made. Contractor shall not make any changes to this form without City's written approval, and any changes made without such approval shall be void.

To Be Filled Out By Bidder

NAME OF CONTRACTOR: Olin Corporation, dba Olin Chlor Alkali Products

ADDRESS: 26700 South Banta Road, Tracy, CA 95304

PHONE #: 209-835-7204 FAX #: 209-835-9760 E-MAIL: JMSchabacker@olin.com

STATE TAX I.D. #: 098-034431 FED. TAX I.D. #: 13-1872319

City of Sacramento Business Operation Tax Certificate #: 101182

(Contract award will not be processed without a valid and current Certificate Number.)

TYPE OF BUSINESS ENTITY (check one): Individual/Sole Proprietor Partnership
 Corporation Limited Liability Company
 Other (please specify: _____)

BY: (signature of authorized person) _____

PRINT NAME: John M. Schabacker

TITLE: Business Director

Note: All information submitted in or in connection with a bid is submitted under penalty of perjury. The City shall have the right to terminate at any time any contract awarded pursuant to a bid that contains false information.

FOR CITY USE ONLY

The Bid was opened on _____.

Bid Bond Required: No; Yes - Amount: \$ _____

Received: Cashiers or Certified Check drawn on a California bank; Surety Bond

City Clerk

CONTRACT AWARD

Bid Items Included in the Contract: All Items, unless otherwise specified below

Specify: _____

Contract Not-to-Exceed Amount: \$ _____

Award Date: _____

CONTRACT APPROVAL

Approved as to Form:

Approved:

Attest:

City Attorney

City Manager
(Or Authorized Designee)

City Clerk

D. EQUAL BENEFITS ORDINANCE (EBO) REQUIREMENTS

REQUIREMENTS OF THE NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

INTRODUCTION

The Sacramento Non-Discrimination In Employee Benefits Code (the "Ordinance"), codified as Sacramento City Code Chapter 3.54, prohibits City contractors from discriminating in the provision of employee benefits between employees with spouses and employees with domestic partners, and between the spouses and domestic partners of employees.

APPLICATION

The provisions of the Ordinance apply to any contract or agreement (as defined below), between a Contractor and the City of Sacramento, in an amount exceeding \$100,000.00. The Ordinance applies to that portion of a contractor's operations that occur: (i) within the City of Sacramento; (ii) on real property outside the City of Sacramento if the property is owned by the City or if the City has a right to occupy the property; or (iii) at any location where a significant amount of work related to a City contract is being performed.

The Ordinance does not apply: to subcontractors or subcontracts of any Contractor or contractors; to transactions entered into pursuant to cooperative purchasing agreements approved by the Sacramento City Council; to legal contracts of other governmental jurisdictions or public agencies without separate competitive bidding by the City; where the requirements of the ordinance will violate or are inconsistent with the terms or conditions of a grant, subvention or agreement with a public agency or the instructions of an authorized representative of any such agency with respect to any such grant, subvention or agreement; to permits for excavation or street construction; or to agreements for the use of City right-of-way where a contracting utility has the power of eminent domain.

DEFINITIONS

As set forth in the Ordinance, the following definitions apply:

"Contract" means an agreement for public works or improvements to be performed, or for goods or services to be purchased or grants to be provided, at the expense of the City or to be paid out of moneys deposited in the treasury or out of the trust money under the control or collected by the City. "Contract" also means a written agreement for the exclusive use ("exclusive use" means the right to use or occupy real property to the exclusion of others, other than the right reserved by the fee owner) or occupancy of real property for a term exceeding 29 days in any calendar year, whether by singular or cumulative instrument, (i) for the operation or use by others of real property owned or controlled by the City for the operation of a business, social, or other establishment or organization, including leases, concessions, franchises and easements, or (ii) for the City's use or occupancy of real property owned by others, including leases, concessions, franchises and easements.

"Contract" shall not include: a revocable at-will use or encroachment permit for the use of or encroachment on City property regardless of the ultimate duration of such permit; excavation, street construction or street use permits; agreements for the use of City right-of-way where a contracting utility has the power of eminent domain; or agreements governing the use of City property that constitute a public forum for activities that are primarily for the purpose of espousing or advocating causes or ideas and that are generally protected by the First Amendment to the United States Constitution or that are primarily recreational in nature.

"Contractor" means any person or persons, firm partnership or corporation, company, or combination thereof, that enters into a Contract with the City. "Contractor" does not include a public entity.

"Domestic Partner" means any person who has a currently registered domestic partnership with a governmental entity pursuant to state or local law authorizing the registration.

"Employee Benefits" means bereavement leave; disability, life, and other types of insurance; family medical leave; health benefits; membership or membership discounts; moving expenses; pension and retirement benefits; vacation; travel benefits; and any other benefit given to employees. "Employee benefits" shall not include benefits to the extent that the application of the requirements of this chapter to such benefits may be preempted by federal or state.

CONTRACTOR'S OBLIGATION TO PROVIDE THE CITY WITH DOCUMENTATION AND INFORMATION

Contractor shall provide the City with documentation and information verifying its compliance with the requirements of the Ordinance within ten (10) days of receipt of a request from the City. Contractors shall keep accurate payroll records, showing, for each City Contract, the employee's name, address, Social Security number, work classification, straight time pay rate, overtime pay rate, overtime hours worked, status and exemptions, and benefits for each day and pay period that the employee works on the City Contract. Each request for payroll records shall be accompanied by an affidavit to be completed and returned by the Contractor, as stated, attesting that the information contained in the payroll records is true and correct, and that the Contractor has complied with the requirements of the Ordinance. A violation of the Ordinance or noncompliance with the requirements of the Ordinance shall constitute a breach of contract.

EMPLOYER COMPLIANCE CERTIFICATE AND NOTICE REQUIREMENTS

- (a) All contractors seeking a Contract subject to the Ordinance shall submit a completed Declaration of Compliance Form, signed by an authorized representative, with each proposal, bid or application. The Declaration of Compliance shall be made a part of the executed contract, and will be made available for public inspection and copying during regular business hours.
- (b) The Contractor shall give each existing employee working directing on a City contract and (at the time of hire), each new employee, a copy of the notification provided as Attachment "A."
- (c) Contractor shall post, in a place visible to all employees, a copy of the notice provided as Attachment "B."

ATTACHMENT A



YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S NON-DISCRIMINATION IN EMPLOYEE BENEFITS CODE

On (date), your employer (the "Employer") entered into a contract with the City of Sacramento (the "City") for (contract details), and as a condition of that contract, agreed to abide by the requirements of the City's Non-Discrimination In Employee Benefits Code (Sacramento City Code Section 3.54).

The Ordinance does not require the Employer to provide employee benefits. The Ordinance does require that if certain employee benefits are provided by the Employer, that those benefits be provided without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouse or domestic partner of employees.

The Ordinance covers any employee working on the specific contract referenced above, but only for the period of time while those employees are actually working on this specific contract.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

(Employee Benefits does not include benefits that may be preempted by federal or state law.)

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, or in the application of these employee benefits, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of the Ordinance, and after having exhausted all remedies with your employer,

You May . . .

- Submit a written complaint to the City of Sacramento, Procurement Services Division, containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814
- Bring an action in the appropriate division of the Superior Court of the State of California against the Employer and obtain the following remedies:
 - Reinstatement, injunctive relief, compensatory damages and punitive damages
 - Reasonable attorney's fees and costs

ATTACHMENT B



**YOUR RIGHTS UNDER THE CITY OF SACRAMENTO'S
NON-DISCRIMINATION IN EMPLOYEE BENEFITS BY CITY
CONTRACTORS ORDINANCE**

If your employer provides employee benefits, they must be provided to those employees working on a City of Sacramento contract without discriminating between employees with spouses and employees with domestic partners.

The included employee benefits are:

- Bereavement leave
- Disability, life and other types of insurance
- Family medical leave
- Health benefits
- Membership or membership discounts
- Moving expenses
- Pension and retirement benefits
- Vacation
- Travel benefits
- Any other benefits given to employees

If you feel you have been discriminated against by your employer . . .

You May . . .

- Submit a written complaint to the City of Sacramento, Procurement Services Division, containing the details of the alleged violation. The address is:

City of Sacramento
Procurement Services Division
915 I Street, Second Floor
Sacramento, CA 95814

- Bring an action in the appropriate division of the Superior Court of the State of California against the employer and obtain reinstatement, injunctive relief, compensatory damages, punitive damages and reasonable attorney's fees and costs.

Discrimination and Retaliation Prohibited.

If you feel you have been discriminated or retaliated against by your employer in the terms and conditions of your application for employment, or in your employment, because of your status as an applicant or as an employee protected by the Ordinance, or because you reported a violation of this Ordinance . . .

You May Also . . .

Submit a written complaint to the City of Sacramento, Procurement Services Division, at the same address, containing the details of the alleged violation.

E. LOCAL BUSINESS ENTERPRISE (LBE) PARTICIPATION REQUIREMENTS

(City Contracts no Federal Funds Used)

I. LBE PARTICIPATION REQUIREMENT

On April 3, 2012, the Sacramento City Council adopted a Local Business Enterprise (LBE) Preference Program to provide enhanced opportunities for the participation of local business enterprises (LBEs) in the City's contracting and procurement activities. On November 19, 2013, City Council increased the LBE preference percentage and authorized City departments to require minimum LBE participation levels in specific contracts. Under City Code section 3.60.270, when the bid specifications for a City contract establish a minimum participation level for LBEs, no bidder on the contract shall be considered responsive unless its bid meets the minimum LBE participation level required by the bid specifications.

The City has established a **minimum 5% participation level for LBEs on this contract**. Pursuant to City Code Section 3.60.270, no bidder on this contract shall be considered responsive unless its bid meets or exceeds this minimum participation level.

Bidders shall submit proof to the City demonstrating that the business and each subcontractor, trucker, material supplier, or other business entity listed on the forms submitted are in compliance with all applicable laws relating to licensing and are not delinquent in payment of any City of Sacramento or County of Sacramento taxes, permits, or fees. Failure to submit the required LBE information may be grounds for finding the bid non-responsive.

II. LBE QUALIFICATION

- A. A LBE designated in the bid must be qualified as a LBE prior to the time set for submission of bids.
- B. Local Business Enterprise means a business enterprise, including but not limited to, a sole proprietorship, partnership, limited liability company, corporation, or other business entity that has a legitimate business presence in the city or unincorporated county of Sacramento. Proof of legitimate business presence in the city or unincorporated county of Sacramento shall include:
 - 1. Having a current City of Sacramento Business Operation Tax or County of Sacramento Business License for at least twelve (12) consecutive months prior to submission of bid; and
 - 2. Having either of the following types of offices or workspace operating legally within the city or unincorporated county of Sacramento for at least twelve (12) consecutive months prior to submission of bid:
 - a. The LBE's principle business office or workspace; or

- b. The LBE's regional, branch or satellite office with at least one full time employee located in the city or unincorporated county of Sacramento.
- C. A LBE must provide a physical address for the basis of location. This excludes P.O. Box addresses.
- D. A LBE must provide a current copy of the City of Sacramento Business Operations Tax Certificate or County of Sacramento Business License.

III. DETERMINATION OF LBE PARTICIPATION LEVEL

- A. LBE Participation: The percentage of LBE participation is determined based on the dollar value of the work to be performed or supplies to be furnished by certified LBEs designated in the bidder's Subcontractor and LBE Participation Verification Form, relative to the total dollar amount of the bid.
- B. Participation Credit: To receive credit for participation:(1) an LBE subcontractor must be responsible for the execution of a distinct element of the work, must possess any license or certification required for the work, and must actually perform, manage, or supervise the work without subcontracting or otherwise shifting any portion of the work to another subcontractor; and (2) an LBE supplier must furnish materials, equipment, or supplies that the supplier sells as a recurring, although not necessarily primary, part of its business, and that are necessary for performance of the work.
- C. Suppliers: Credit for an LBE supplier of materials, equipment, or supplies is counted as one hundred (100) percent of the amount paid to the supplier for the material, equipment, or supplies. To receive this credit, LBE suppliers must be listed on the bidder's Subcontractor and LBE Participation Verification Form.
- D. Subcontractors (including truckers): To receive credit for an LBE subcontractor, the subcontractor must be listed on the bidder's Subcontractor and LBE Participation Verification Form.
 - Truckers: Credit for an LBE trucker is counted as one hundred (100) percent of the amount paid to the trucker for trucking services, not including any amount paid to the trucker for the cost of any materials, equipment, or supplies being transported by the trucker.

IV. LBE REQUIREMENTS FOR CONTRACTOR

- A. LBE Records: The Contractor shall maintain records of all subcontracts with verified LBE subcontractors and records of materials purchased from verified LBE suppliers for one (1) year after receiving final payment from the City. Such records shall show the name and business address of each LBE subcontractor or supplier and the total dollar amount actually paid each LBE subcontractor or supplier.

Not later than 30 days after completion of the work performed under the contract, a summary of these records shall be prepared, certified correct by the Contractor's authorized representative and furnished to the City. The Contractor shall provide

such other information, records, reports, certifications or other documents as may be required by City, to determine compliance with any provision of the LBE program or these specifications.

B. Performance of LBE Subcontractors and Suppliers: The LBEs listed by the Contractor shall perform the work and supply the materials, equipment, and supplies for which they are listed unless the Contractor has received prior written authorization from the City to perform the work with other forces or to obtain the material, equipment, or supplies from other sources. Reasons for requesting such authorization would include:

1. The listed LBE fails to execute a written contract based upon the general terms, conditions, plans, and specifications for the project.
2. The listed LBE becomes bankrupt or insolvent.
3. The listed LBE subcontractor fails to meet the bond requirements of the Contractor.
4. The work performed or the materials/equipment/supplies provided by the listed LBE are unsatisfactory or are not in accordance with the plans and specifications, or the listed LBE fails to perform its contractual obligations.
5. It would be in the best interest of the City.

C. Subcontractor Substitution: No substitution of an LBE subcontractor shall be made at any time without compliance with the Subletting and Subcontracting Fair Practices Act. If an LBE subcontractor is unable to perform successfully and is to be replaced, the Contractor shall make reasonable efforts to replace the original LBE subcontractor with another verified LBE subcontractor. The new LBE subcontractor must be verified at the time of substitution.

D. Reporting and Utilization Requirements and Sanctions: Failure to provide specific information, records, reports, certifications, or any other documents required for compliance with these specifications, or failure to utilize one or more LBEs in substantial compliance with the LBE utilization indicated in the Contractor's bid (unless otherwise authorized by City as provided herein, or when such failure results from changes to the work approved by the City), shall be considered a breach of the contract, and a deduction may be made from the contract amount. The deduction shall be not more than ten (10) percent of the value of the work or materials/equipment/supplies that the subject LBE(s) were listed to perform/provide in the Contractor's bid, and shall be deducted from any payment due to the Contractor. This is in addition to any deduction that may be made under any other provision of the contract, the Sacramento City Code, or State law.

E. Hearing and Review of Division Manager Decision: Prior to making a deduction pursuant to Section IV (D), above, the City shall provide written notice of the proposed deduction to the Contractor, and the Contractor may, not later than five (5) working days after receiving such notice, provide a written request to City for a

hearing to contest the proposed deduction. Upon receipt of a timely written request from the Contractor, the City shall schedule a hearing before the Division Manager (as defined in the City's Standard Specifications for Public Construction), and written notice of the date, time and location of the hearing shall be provided to the Contractor not less than five (5) working days prior to the date of the hearing. The hearing shall be conducted in the manner specified in Section 4-8 of the Standard Specifications, and the Division Manager shall prepare and forward to the Contractor a written decision as soon as practicable after the hearing. The Division Manager's decision shall be subject to review in accordance with the provisions of Section 4-9 of the Standard Specifications. Failure to request such review in compliance with the requirements set forth in Section 4-9 shall constitute acceptance of the Division Manager's decision by the Contractor.

The written notices and requests described above shall be provided by registered or certified mail (return receipt requested), by telecopy, by personal delivery, or by any other method that provides reliable evidence of the date of receipt. Written notice provided by telecopy shall be deemed received on the date that it is transmitted and transmission is confirmed by the transmitting machine. Written notice provided by personal delivery shall be deemed received on the date of delivery.

V. DEFINITIONS

- A. Local Business Enterprise (LBE): A business enterprise, including but not limited to, a sole proprietorship, partnership, limited liability company, corporation, or any other business entity that has a legitimate business presence in the city or unincorporated county of Sacramento.
- B. Contractor: The sole proprietorship, partnership, limited liability company, corporation, or any other business entity entering into a contract with the City of Sacramento.
- C. Subcontractor: The sole proprietorship, partnership, limited liability company, corporation, or other business entity entering into a contract with the prime contractor to perform a portion of the work.
- D. Supplier: The sole proprietorship, partnership, limited liability company, corporation, or other business entity to provide materials, equipment, or supplies necessary for performance of the work.
- E. Proposal: Any response to a City solicitation for Proposals or Qualifications.
- F. Bid: Any response to a City solicitation for bids.

SECTION II CONTRACT DOCUMENTS

SECTION II – CONTRACT DOCUMENTS

A. GENERAL CONDITIONS

1. Independent Contractor.

- A. It is understood and agreed that CONTRACTOR (including CONTRACTOR's employees) is an independent contractor and that no relationship of employer-employee exists between the parties hereto for any purpose whatsoever. Neither CONTRACTOR nor CONTRACTOR's assigned personnel shall be entitled to any benefits payable to employees of CITY. CITY is not required to make any deductions or withholdings from the compensation payable to CONTRACTOR under the provisions of this Agreement, and CONTRACTOR shall be issued a Form 1099 for its services hereunder. As an independent contractor, CONTRACTOR hereby agrees to indemnify and hold CITY harmless from any and all claims that may be made against CITY based upon any contention by any of CONTRACTOR's employees or by any third party, including but not limited to any state or federal agency, that an employer-employee relationship or a substitute therefor exists for any purpose whatsoever by reason of this Agreement or by reason of the nature and/or performance of any Services under this Agreement. (As used in this Exhibit D, the term "Services" shall include both Services and Additional Services as such terms are defined elsewhere in this Agreement.)
- B. It is further understood and agreed by the parties hereto that CONTRACTOR, in the performance of its obligations hereunder, is subject to the control and direction of CITY as to the designation of tasks to be performed and the results to be accomplished under this Agreement, but not as to the means, methods, or sequence used by CONTRACTOR for accomplishing such results. To the extent that CONTRACTOR obtains permission to, and does, use CITY facilities, space, equipment or support services in the performance of this Agreement, this use shall be at the CONTRACTOR's sole discretion based on the CONTRACTOR's determination that such use will promote CONTRACTOR's efficiency and effectiveness. Except as may be specifically provided elsewhere in this Agreement, the CITY does not require that CONTRACTOR use CITY facilities, equipment or support services or work in CITY locations in the performance of this Agreement.
- C. If, in the performance of this Agreement, any third persons are employed by CONTRACTOR, such persons shall be entirely and exclusively under the direction, supervision, and control of CONTRACTOR. Except as may be specifically provided elsewhere in this Agreement, all terms of employment, including hours, wages, working conditions, discipline, hiring, and discharging, or any other terms of employment or requirements of law, shall be determined by CONTRACTOR. It is further understood and agreed that CONTRACTOR shall issue W-2 or 1099 Forms for income and employment tax purposes, for all of CONTRACTOR's assigned personnel and subcontractors.
- D. The provisions of this Section 1 shall survive any expiration or termination of this Agreement. Nothing in this Agreement shall be construed to create an exclusive relationship between CITY and CONTRACTOR. CONTRACTOR may represent, perform services for, or be employed by such additional persons or companies as CONTRACTOR sees fit provided that CONTRACTOR does not violate the provisions of Section 5, below.

2. **Licenses; Permits, Etc.** CONTRACTOR represents and warrants that CONTRACTOR has all licenses, permits, City Business Operations Tax Certificate, qualifications, and approvals of whatsoever nature that are legally required for CONTRACTOR to practice its profession or provide any services under the Agreement. CONTRACTOR represents and warrants that CONTRACTOR shall, at its sole

cost and expense, keep in effect or obtain at all times during the term of this Agreement any licenses, permits, and approvals that are legally required for CONTRACTOR to practice its profession or provide such Services. Without limiting the generality of the foregoing, if CONTRACTOR is an out-of-state corporation, CONTRACTOR warrants and represents that it possesses a valid certificate of qualification to transact business in the State of California issued by the California Secretary of State pursuant to Section 2105 of the California Corporations Code.

3. **Time.** CONTRACTOR shall devote such time and effort to the performance of Services pursuant to this Agreement as is necessary for the satisfactory and timely performance of CONTRACTOR's obligations under this Agreement. Neither party shall be considered in default of this Agreement, to the extent that party's performance is prevented or delayed by any cause, present or future, that is beyond the reasonable control of that party.
4. **CONTRACTOR Not Agent.** Except as CITY may specify in writing, CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to act on behalf of CITY in any capacity whatsoever as an agent. CONTRACTOR and CONTRACTOR's personnel shall have no authority, express or implied, to bind CITY to any obligations whatsoever.
5. **Conflict of Interest.** CONTRACTOR covenants that neither it, nor any officer or principal of its firm, has or shall acquire any interest, directly or indirectly, that would conflict in any manner with the interests of CITY or that would in any way hinder CONTRACTOR's performance of Services under this Agreement. CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed by it as an officer, employee, agent or subcontractor, without the written consent of CITY. CONTRACTOR agrees to avoid conflicts of interest or the appearance of any conflicts of interest with the interests of CITY at all times during the performance of this Agreement. If CONTRACTOR is or employs a former officer or employee of the CITY, CONTRACTOR and any such employee(s) shall comply with the provisions of Sacramento City Code Section 2.16.090 pertaining to appearances before the City Council or any CITY department, board, commission or committee.
6. **Confidentiality of CITY Information.** During performance of this Agreement, CONTRACTOR may gain access to and use CITY information regarding inventions, machinery, products, prices, apparatus, costs, discounts, future plans, business affairs, governmental affairs, processes, trade secrets, technical matters, systems, facilities, customer lists, product design, copyright, data, and other vital information (hereafter collectively referred to as "City Information") that are valuable, special and unique assets of the CITY. CONTRACTOR agrees to protect all City Information and treat it as strictly confidential, and further agrees that CONTRACTOR shall not at any time, either directly or indirectly, divulge, disclose or communicate in any manner any City Information to any third party without the prior written consent of CITY. In addition, CONTRACTOR shall comply with all CITY policies governing the use of the CITY network and technology systems, as set forth in applicable provisions of the City of Sacramento Administrative Policy Instructions # 30. A violation by CONTRACTOR of this Section 6 shall be a material violation of this Agreement and shall justify legal and/or equitable relief.
7. **CONTRACTOR Information.**
 - A. CITY shall have full ownership and control, including ownership of any copyrights, of all information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement. In this Agreement, the term "information" shall be construed to mean and include: any and all work product, submittals, reports, plans, specifications, and other deliverables consisting of documents, writings, handwritings, typewriting, printing, photostatting, photographing, computer models, and any other computerized data and every other means of recording any form of information, communications, or representation, including letters, works, pictures, drawings, sounds, or symbols, or any combination thereof. CONTRACTOR shall not be responsible for

any unauthorized modification or use of such information for other than its intended purpose by CITY.

- B. CONTRACTOR shall fully defend, indemnify and hold harmless CITY, its officers and employees, and each and every one of them, from and against any and all claims, actions, lawsuits or other proceedings alleging that all or any part of the information prepared, produced, or provided by CONTRACTOR pursuant to this Agreement infringes upon any third party's trademark, trade name, copyright, patent or other intellectual property rights. CITY shall make reasonable efforts to notify CONTRACTOR not later than ten (10) days after CITY is served with any such claim, action, lawsuit or other proceeding, provided that CITY's failure to provide such notice within such time period shall not relieve CONTRACTOR of its obligations hereunder, which shall survive any termination or expiration of this Agreement.
- C. All proprietary and other information received from CONTRACTOR by CITY, whether received in connection with CONTRACTOR's proposal to CITY or in connection with any Services performed by CONTRACTOR, will be disclosed upon receipt of a request for disclosure, pursuant to the California Public Records Act; provided, however, that, if any information is set apart and clearly marked "trade secret" when it is provided to CITY, CITY shall give notice to CONTRACTOR of any request for the disclosure of such information. The CONTRACTOR shall then have five (5) days from the date it receives such notice to enter into an agreement with the CITY, satisfactory to the City Attorney, providing for the defense of, and complete indemnification and reimbursement for all costs (including plaintiff's attorney fees) incurred by CITY in any legal action to compel the disclosure of such information under the California Public Records Act. The CONTRACTOR shall have sole responsibility for defense of the actual "trade secret" designation of such information.
- D. The parties understand and agree that any failure by CONTRACTOR to respond to the notice provided by CITY and/or to enter into an agreement with CITY, in accordance with the provisions of subsection C, above, shall constitute a complete waiver by CONTRACTOR of any rights regarding the information designated "trade secret" by CONTRACTOR, and such information shall be disclosed by CITY pursuant to applicable procedures required by the Public Records Act.

8. **Standard of Performance.** CONTRACTOR shall perform all Services required pursuant to this Agreement in the manner and according to the standards currently observed by a competent practitioner of CONTRACTOR's profession in California. All products of whatsoever nature that CONTRACTOR delivers to CITY pursuant to this Agreement shall be prepared in a professional manner and conform to the standards of quality normally observed by a person currently practicing in CONTRACTOR's profession, and shall be provided in accordance with any schedule of performance specified in Exhibit A. CONTRACTOR shall assign only competent personnel to perform Services pursuant to this Agreement. CONTRACTOR shall notify CITY in writing of any changes in CONTRACTOR's staff assigned to perform the Services required under this Agreement, prior to any such performance. In the event that CITY, at any time during the term of this Agreement, desires the removal of any person assigned by CONTRACTOR to perform Services pursuant to this Agreement, because CITY, in its sole discretion, determines that such person is not performing in accordance with the standards required herein, CONTRACTOR shall remove such person immediately upon receiving notice from CITY of the desire of CITY for the removal of such person.

9. **Term; Suspension; Termination.**

- A. **Termination for Cause.** If the City determines that the Contractor's performance is not satisfactory, and notifies the Contractor of such determination in writing, the Contractor shall correct the unsatisfactory condition(s) within 5 days after receiving such notification. If the

Contractor fails to correct the unsatisfactory condition(s) within 5 days, the City may declare the Contract terminated upon 30 days written notice and may, in the City's sole discretion, demand performance by the Contractor's surety, if any, or contract for performance of all or part of the remainder of Contract with another contractor. In the event two such notices of unsatisfactory performance are given in any calendar year, and in the event that Contractor shall again fail to satisfactorily perform pursuant to the Contract, City may thereupon terminate the Contract immediately, with no prior notice. In the event of termination hereunder, the Contractor and/or its surety shall be liable and assessed for any and all costs for re-procurement and completion of the Contract.

- B. Termination for Convenience. The City may terminate the Contract, in whole or in part, for its convenience and without cause upon giving written notice to the Contractor. The City shall pay all reasonable costs associated with the Contract that the Contractor has incurred up to the date of termination and all reasonable costs associated with such termination of the Contract. However, the Contractor shall not be reimbursed for any anticipatory profits that have not been earned, or any other costs, which have not been incurred, as of the date of termination.
- C. Termination After Completion Date. If the Contractor fails to complete its performance of the Contract within the time specified in the Contract (including any approved extension of such time), if any, the Contract may be terminated and, in the event of such termination, the Contractor shall not be paid or allowed any further compensation for any costs incurred after such termination. The City may thereafter proceed to complete the Contract either by rebidding or otherwise, the Contractor and its surety, if any, shall be liable to the City for all loss or damage that the City may suffer on account of the Contractor's failure to complete the Contract on time. This Agreement shall become effective on the date that it is approved by both parties, set forth on the first page of the Agreement, and shall continue in effect until both parties have fully performed their respective obligations under this Agreement, unless sooner terminated as provided herein.

10. Indemnity.

- A. Indemnity: CONTRACTOR shall defend, hold harmless and indemnify CITY, its officers and employees, and each and every one of them, from and against any and all actions, damages, costs, liabilities, claims, demands, losses, judgments, penalties, costs and expenses of every type and description, including, but not limited to, any fees and/or costs reasonably incurred by CITY's staff attorneys or outside attorneys and any fees and expenses incurred in enforcing this provision (hereafter collectively referred to as "Liabilities"), including but not limited to Liabilities arising from personal injury or death, damage to personal, real or intellectual property or the environment, contractual or other economic damages, or regulatory penalties, arising out of or in any way connected with performance of or failure to perform this Agreement by CONTRACTOR, any subcontractor or agent, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not (i) such Liabilities are caused in part by a party indemnified hereunder or (ii) such Liabilities are litigated, settled or reduced to judgment; provided that the foregoing indemnity does not apply to liability for any damage or expense for death or bodily injury to persons or damage to property to the extent arising from the sole negligence or willful misconduct of CITY, its agents, servants, or independent contractors who are directly responsible to CITY, except when such agents, servants, or independent contractors are under the direct supervision and control of CONTRACTOR.
- B. Insurance Policies; Intellectual Property Claims: The existence or acceptance by CITY of any of the insurance policies or coverages described in this Agreement shall not affect or limit any of CITY's rights under this Section 10, nor shall the limits of such insurance limit the liability of

CONTRACTOR hereunder. This Section 10 shall not apply to any intellectual property claims, actions, lawsuits or other proceedings subject to the provisions of Section 7.B., above. The provisions of this Section 10 shall survive any expiration or termination of this Agreement.

11. Insurance Requirements. During the entire term of this Agreement, CONTRACTOR shall maintain the insurance coverage described in this Section 11.

Full compensation for all premiums that CONTRACTOR is required to pay for the insurance coverage described herein shall be included in the compensation specified for the Services provided by CONTRACTOR under this Agreement. No additional compensation will be provided for CONTRACTOR's insurance premiums.

It is understood and agreed by the CONTRACTOR that its liability to the CITY shall not in any way be limited to or affected by the amount of insurance coverage required or carried by the CONTRACTOR in connection with this Agreement.

A. Minimum Scope & Limits of Insurance Coverage

- (1) Commercial General Liability Insurance, providing coverage at least as broad as ISO CGL Form 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide contractual liability and products and completed operations coverage for the term of the policy.
- (2) Automobile Liability Insurance providing coverage at least as broad as ISO Form CA 00 01 on an occurrence basis for bodily injury, including death, of one or more persons, property damage and personal injury, with limits of not less than one million dollars (\$1,000,000) per occurrence. The policy shall provide coverage for owned, non-owned and/or hired autos as appropriate to the operations of the CONTRACTOR.

No automobile liability insurance shall be required if CONTRACTOR completes the following certification:

"I certify that a motor vehicle will not be used in the performance of any work or services under this agreement." _____ (CONTRACTOR initials)

- (3) Workers' Compensation Insurance with statutory limits, and Employers' Liability Insurance with limits of not less than one million dollars (\$1,000,000). The Worker's Compensation policy shall include a waiver of subrogation for contracts involving construction or maintenance, or if required by the CITY by selecting the option below:

 X Workers' Compensation waiver of subrogation in favor of the City is required for all work performed by the CONTRACTOR.

No Workers' Compensation insurance shall be required if CONTRACTOR completes the following certification:

"I certify that my business has no employees, and that I do not employ anyone. I am exempt from the legal requirements to provide Workers' Compensation insurance." _____ (CONTRACTOR initials)

B. Additional Insured Coverage

- (1) Commercial General Liability Insurance: The CITY, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insured's as respects general liability arising out of activities performed by or on behalf of CONTRACTOR, products and completed operations of CONTRACTOR, and premises owned, leased or used by CONTRACTOR. The general liability additional insured endorsement must be signed by an authorized representative of the insurance carrier for contracts involving construction or maintenance, or if required by the CITY by selecting the option below:

X Additional insured endorsement must be signed by an authorized representative of the insurance carrier.

If the policy includes a blanket additional insured endorsement or contractual additional insured coverage, the above signature requirement may be fulfilled by submitting that document with a signed declaration page referencing the blanket endorsement or policy form.

- (2) Automobile Liability Insurance: The CITY, its officials, employees and volunteers shall be covered by policy terms or endorsement as additional insured's as respects auto liability.

C. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

- (1) CONTRACTOR's insurance coverage shall be primary insurance as respects CITY, its officials, employees and volunteers. Any insurance or self-insurance maintained by CITY, its officials, employees or volunteers shall be in excess of CONTRACTOR's insurance and shall not contribute with it.
- (2) Any failure to comply with reporting provisions of the policies shall not affect coverage provided to CITY, its officials, employees or volunteers.
- (3) Coverage shall state that CONTRACTOR's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (4) CITY will be provided with thirty (30) days written notice of cancellation or material change in the policy language or terms.

D. Acceptability of Insurance

Insurance shall be placed with insurers with a Bests' rating of not less than A:V. Self-insured retentions, policy terms or other variations that do not comply with the requirements of this Section 11 must be declared to and approved by the CITY Risk Management Division in writing prior to execution of this Agreement.

E. Verification of Coverage

- (1) CONTRACTOR shall furnish CITY with certificates and required endorsements evidencing the insurance required. The certificates and endorsements shall be forwarded to the CITY representative named in Exhibit A. Copies of policies shall be delivered to the CITY on demand. Certificates of insurance shall be signed by an

authorized representative of the insurance carrier.

- (2) The CITY may withdraw its offer of contract or cancel this Agreement if the certificates of insurance and endorsements required have not been provided prior to execution of this Agreement. The CITY may withhold payments to CONTRACTOR and/or cancel the Agreement if the insurance is canceled or CONTRACTOR otherwise ceases to be insured as required herein.

F. Subcontractors

CONTRACTOR shall require and verify that all subcontractors maintain insurance coverage that meets the minimum scope and limits of insurance coverage specified in subsection A, above.

12. Equal Employment Opportunity. During the performance of this Agreement, CONTRACTOR, for itself, its assignees and successors in interest, agrees as follows:

- A. Compliance With Regulations: CONTRACTOR shall comply with the Executive Order 11246 entitled "Equal Opportunity in Federal Employment", as amended by Executive Order 11375 and 12086, and as supplemented in Department of Labor regulations (41 CFR Chapter 60), hereinafter collectively referred to as the "Regulations".
- B. Nondiscrimination: CONTRACTOR, with regards to the work performed by it after award and prior to completion of the work pursuant to this Agreement, shall not discriminate on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation in selection and retention of subcontractors, including procurement of materials and leases of equipment. CONTRACTOR shall not participate either directly or indirectly in discrimination prohibited by the Regulations.
- C. Solicitations for Subcontractors, Including Procurement of Materials and Equipment: In all solicitations either by competitive bidding or negotiations made by CONTRACTOR for work to be performed under any subcontract, including all procurement of materials or equipment, each potential subcontractor or supplier shall be notified by CONTRACTOR of CONTRACTOR's obligation under this Agreement and the Regulations relative to nondiscrimination on the ground of race, color, religion, sex, national origin, age, marital status, physical handicap or sexual orientation.
- D. Information and Reports: CONTRACTOR shall provide all information and reports required by the Regulations, or by any orders or instructions issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information and its facilities as may be determined by the CITY to be pertinent to ascertain compliance with such Regulations, orders and instructions. Where any information required of CONTRACTOR is in the exclusive possession of another who fails or refuses to furnish this information, CONTRACTOR shall so certify to the CITY, and shall set forth what efforts it has made to obtain the information.
- E. Sanctions for Noncompliance: In the event of noncompliance by CONTRACTOR with the nondiscrimination provisions of this Agreement, the CITY shall impose such sanctions as it may determine to be appropriate including, but not limited to:
 - (1) Withholding of payments to CONTRACTOR under this Agreement until CONTRACTOR complies;
 - (2) Cancellation, termination, or suspension of the Agreement, in whole or in part.

- F. Incorporation of Provisions: CONTRACTOR shall include the provisions of subsections A through E, above, in every subcontract, including procurement of materials and leases of equipment, unless exempted by the Regulations, or by any order or instructions issued pursuant thereto. CONTRACTOR shall take such action with respect to any subcontract or procurement as the CITY may direct as a means of enforcing such provisions including sanctions for noncompliance; provided, however, that in the event CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, CONTRACTOR may request CITY to enter such litigation to protect the interests of CITY.
13. **Entire Agreement.** The Contract Documents contain the entire agreement between the parties and supersedes whatever oral or written understanding they may have had prior to the execution of this Contract. No alteration to the terms of this Contract shall be valid unless approved in writing by Contractor, and by City, in accordance with applicable provisions of the Sacramento City Code. In the event of any conflict among the provisions of different Contract Documents, the conflict shall be resolved by giving precedence to the Contract Documents in the following order:
- A. Post-Award Amendments.
 - B. Pricing Schedule(s), as corrected by City, if applicable.
 - C. Pre-Award Addenda
 - D. Special Provisions.
 - E. Bid Instructions and Requirements
 - F. General Conditions
 - G. Technical Specifications and/or Plans
14. **Severability.** If any portion of this Agreement or the application thereof to any person or circumstance shall be held invalid or unenforceable, the remainder of this Agreement shall not be affected thereby and shall be enforced to the greatest extent permitted by law.
15. **Waiver.** Neither CITY acceptance of, or payment for, any Service or Additional Service performed by CONTRACTOR, nor any waiver by either party of any default, breach or condition precedent, shall be construed as a waiver of any provision of this Agreement, nor as a waiver of any other default, breach or condition precedent or any other right hereunder.
16. **Enforcement of Agreement.** This Agreement shall be governed, construed and enforced in accordance with the laws of the State of California. Venue of any litigation arising out of or connected with this Agreement shall lie exclusively in the state trial court or Federal District Court located in Sacramento County in the State of California, and the parties consent to jurisdiction over their persons and over the subject matter of any such litigation in such courts, and consent to service of process issued by such courts.
17. **Assignment Prohibited.** The expertise and experience of CONTRACTOR are material considerations for this Agreement. CITY has a strong interest in the qualifications and capability of the persons and entities who will fulfill the obligations imposed on CONTRACTOR under this Agreement. In recognition of this interest, CONTRACTOR shall not assign any right or obligation pursuant to this Agreement without the written consent of the CITY. Any attempted or purported assignment without CITY's written consent shall be void and of no effect.
18. **Binding Effect.** This Agreement shall be binding on the heirs, executors, administrators, successors and assigns of the parties, subject to the provisions of Section 17, above.
19. **Compliance with Laws.** The Contractor shall be responsible for strict compliance with all applicable laws, regulations, court orders and other legal requirements applicable to the work to be accomplished pursuant to the Contract, including without limitation the California Occupational Safety and Health Act

and all applicable safety orders issued by the Division of Occupational Safety and Health, Department of Industrial Relations, State of California, and all applicable requirements of Underwriters Laboratories and the Federal Communication Commission.

- 20. Inspection.** Merchandise will be inspected before acceptance by an authorized representative of the City of Sacramento for workmanship, appearance, proper functioning of all equipment and systems and conformance to all other requirements of the Contract. If deficiencies are found, it shall be the responsibility of the Contractor to pick up the merchandise, make necessary correction and redeliver the merchandise for re-inspection and acceptance. Payment and/or commencement of discount period (if applicable) will not be made until corrective action has been made.
- 21. Funding Availability.**
- A. The Contract is subject to the budget and fiscal provisions of the Charter and City Code of the City of Sacramento.
 - B. The City's payment obligation under the Contract shall not at any time exceed the amount of funds appropriated and approved for such purpose by the Sacramento City Council.
 - C. The Contract shall terminate without penalty at the end of the fiscal year in the event funds to make payment under the Contract are not appropriated and approved for such purpose by the City Council for the succeeding fiscal year. If such funds are appropriated for only a portion of the fiscal year this Contract shall terminate, without penalty, at the end of the term for which funds have been appropriated. In the event of such termination, the Contractor shall not be entitled to recover any costs incurred after termination, subject, further, to the limitation in subsection 11.B. of these General Conditions.
 - D. Notwithstanding any provision of the Contract Documents to the contrary, this section shall govern over any other provision of the Contract.
- 22. Inspection of Facilities.** If requested by the City, the Contractor shall provide City with an inspection tour of Contractor's facilities at the location where the work under the Contract will be accomplished.
- 23. Safety Data Sheets (SDS).** It is mandatory for a manufacturer, Contractor or distributor to supply a SDS with the first shipment of any hazardous material. Also at any time the content of an SDS is revised, the Contractor shall provide new information relevant to the specific material.
- 24. Notification of Material Changes in Business.** Contractor agrees that if it experiences any material changes in its business including, without limitation, a reorganization, refinancing, restructuring, leveraged buyout, bankruptcy, loss of key personnel, etc., it will immediately notify the City of the changes. Contractor also agrees to immediately notify the City of any condition which may jeopardize the scheduled delivery or fulfillment of Contractor's contractual obligations to the City. Upon filing for any bankruptcy or insolvency proceeding by or against the Contractor, whether voluntary or involuntary, or upon the appointment of a receiver, trustee, or assignee for the benefit of creditors, the Procurement Services Division reserves the right at its sole discretion to terminate the Contract either for cause or for convenience as provided in Section 9 of these General Conditions.
- 25. Payment and Invoicing.** Unless otherwise specified in the Contract Documents, payment for services rendered or materials provided and accepted by City will be made monthly, in arrears, after receipt of a proper invoice.
- 26. Protection of Existing Facilities.** Contractor shall take every precaution to protect all public and private property during the performance of the Contract. Any damages caused by Contractor's

personnel or equipment will be promptly repaired to the condition existing before the damage or be replaced. All such costs for such repairs or replacement shall be the sole responsibility of the Contractor.

- 27. Guarantee.** By submitting its bid, the Contractor guarantees that all merchandise delivered and/or work or services performed under the Contract shall meet the minimum requirements set forth herein. If it is determined by the City that the merchandise delivered or work or services performed do not meet the minimum requirements of the Contract, the Contractor shall be required to correct the same at Contractor's sole expense.

SECTION II – CONTRACT DOCUMENTS

B. SPECIAL PROVISIONS

1. **Period of Performance.** Any contracts(s) resulting from this solicitation will be awarded for a one year term beginning on date of award, with the option to extend for up to four additional one-year terms, for a maximum five year term.
2. **Contract Extension.** If mutually agreeable to both parties, any resultant contract may be extended on a year to year basis under the same terms and conditions. However, in no case shall the renewal extend beyond 5 years from the date of award of the original contract.
3. **Estimated Quantities.** The bid quantity specified is based upon current known requirements and is subject to increase or decrease at the same terms and conditions. Contractor agrees to furnish more or less than the estimates at the unit prices quoted in accordance with availability of funds and actual needs as they occur throughout the contract period.
4. **Pricing.** The prices quoted to the City shall be as low or lower than those charged the Contractor's most favored customer for comparable quantities under similar terms and conditions, in addition to any discounts for prompt payment. In the event of a price decline, the benefit of such lower prices shall be immediately extended to the City. Prices are maximum for the one year term of the contract. Upon offer of contract renewal from the City for subsequent terms, Contractor may adjust pricing to the agreement of both parties.
5. **Purchase Order.** A Purchase Order will be issued to the Contractor on behalf of the City organization(s) who will be ordering items/services covered in the contract. The Purchase Order will be enclosed with the resulting contract or will be issued shortly thereafter, and will become an integral part of the resulting contract. Each Purchase Order will cite a specific dollar value to cover a particular item or specified period of time. If a contract is for a specific period of time and extends beyond the close of the City's fiscal year of June 30th a second purchase order may be issued.
 - A. The Purchase Order does not supersede any provision of the resulting contract. Performance time and dates are determined solely by the contract and any modification thereto.
 - B. Delivery of material and/or services are not to begin until receipt of the Purchase Order and/or other notification by the City Procurement Services Manager.
6. **Invoices.** All Invoices under this Agreement shall be submitted to the City by Contractor and shall contain the following information at a minimum:
 - (1) Name of contractor and remit to address
 - (2) Invoice number and date
 - (3) Contractors Order number
 - (4) City's Contract or Purchase Order number
 - (5) Name of person placing order
 - (3) Description of Item
 - (4) Quantity of Item
 - (5) Item and invoice amounts

Requests for payment shall be sent to:

Department of Utilities
1391 35th Avenue, Sacramento, CA 95822
Phone (916) 808-1464 Fax (916) 808-7955
Attn: Alaina Jordan

7. **Billing Disputes.** Billing disputes will be addressed on an individual job by job basis. The burden of proof of an incorrect billing shall be on the Contractor. Upon presentation and verification of the information provided by the contractor, the City will review all records and make a final determination and present its finding to the Contractor.
8. **Payment Terms.** Payment terms are net 30 unless Contractor offers a prompt payment discount. All prompt payment discounts if taken shall be computed from the date of delivery or completion and acceptance of material, or from date of receipt of invoice, whichever is latest. Invoices must be submitted as specified at the time of shipping authorization. Partial payments may be made by the City on delivery and acceptance of goods and on receipt of Contractor's invoice.
9. **Additional Services.** Those services not specifically named in the Pricing Schedule shall be negotiated on an individual basis.
10. **Subcontracts and Assignments.** No portion of the work or services, except for the purchase of necessary goods and materials, to be supplied hereunder (including the use of consultants) may be subcontracted in whole or in part, nor assigned by the contractor, nor may assignment of any money due or to become due the contractor under this contract be made without the prior written consent of the City.

Where authorized by the City, the contractor shall select all subcontractors and suppliers on a competitive basis to the maximum practicable extent consistent with the objectives and requirements of the contract.

11. **Modification of Contract.** The City may order changes in the work herein required and may order extra work in connection with the performance of the contract and the Contractor may comply with such orders, except that:
 - A. If changes in requirements, reports, or materials are of such a nature as to increase or decrease the cost of any part of the work, the price fixed in the contract will be increased or decreased by such amount as the Contractor and the Procurement Services Manager may agree upon as the reasonable and proper allowance for the increase or decrease in the cost of work.
 - B. No order for any alteration, modification, or extra work which will increase or decrease the cost of the work shall be valid unless the resulting increase or decrease in price shall have been agreed upon in writing and approved by the Procurement Services Manager. No oral statement of any person whomsoever shall in any manner or degree modify or otherwise affect the terms of this contract, including the requirements of the specifications.
12. **Cooperative Purchasing.** If mutually agreeable to both parties, the use of any resulting contract may be extended to other government agencies. It shall be understood that all terms and conditions as specified herein shall apply. The City of Sacramento will not be an agent, partner or representative of any other government agency as it relates to this specification and is not obligated or liable, including, but not limited to, payment for an order placed by any other government agency.

13. **Quantities Unrestricted.** The City is not limited to purchase all of its requirements from any contract resulting from this request.
13. **Points of Contact.** Requests for service(s) may be made by one or several organizational levels within the City.

Contract Manager: **Deanne Neighbours, Administration Technician**
Department: **Utilities, Operations & Maintenance Division**
Address **1391 35th Avenue, Sacramento, CA 95822**
Phone **(916) 808-3536**
E-Mail **dneighbours@cityofsacramento.org**

Project Manager: **David Phillips, O & M Superintendent**
Department: **Utilities, Operations & Maintenance Division**
Address **301 Water Street, Sacramento, CA 95811**
Phone **(916) 808-5652**
E-Mail **dphillips@cityofsacramento.org**

8. **Authorities / Technical Direction.** The Contractor shall take no direction from any City employee or any other person other than the Procurement Services Manager that changes the terms and condition of the contract action, the Scope of Work, or any change that impacts the cost/price or schedule. Changes authorized by the Procurement Manager will be in the form of a written, official, signed modification to the contract, received by the Contractor before the Contractor will act upon those changes.
9. **Document Protection.** Original documents shall be adequately protected at all times while they are in the possession of the Contractor and returned in the same condition as received.

The Contractor shall not duplicate or allow for duplication of distribution of electronic data provided to Contractor, or created by the Contractor, and may not provide said files for review or use to any third party without written permission from the City of Sacramento.

17. **Notification of Material Changes in Business.** Contractor agrees that if it experiences any material changes in its business including without limitation, a reorganization, refinancing, restructuring, leveraged buyout, bankruptcy, loss of key personnel, etc., it will immediately notify the City of the changes. Contractor also agrees to immediately notify the City of any condition which may jeopardize the scheduled delivery or fulfillment of Contractor's contractual obligations to the City.
18. **Confidentially of Information.** Contractor shall take all precautions necessary and appropriate to assure the confidentiality of City's record information. Contractor shall limit access to City's records only to contractor's authorized employees, except when they are authorized by the City, contractor shall not reproduce any of the City's records. The City shall have the right to review Contractor's procedures for handling City records and may make such inspections as it deems necessary to assure that Contractor is adequately safe-guarding City's record information.

Contractor acknowledges that in the course of providing services that they will have access to, and/or will be in possession of, confidential information of the City. Confidential information is defined as all information released to the Contractor for the purpose of having the Contractor perform the contracted for services.

The Contractor shall secure the City's confidential records in a manner to ensure that the information remains confidential. Contractor shall have access to the City's confidential information for the purposes of performing the contracted services.

19. **Inspection of Facilities.** The City may require an inspection tour of Contractor's facilities at the location where the work on this contract will be accomplished.
20. **Safety Requirements.** All services and products must comply with current California State Division of Industrial Safety Orders, Cal OSHA, and OSHA.
21. **Termination for Unsatisfactory Performance.** Whenever, in the opinion of the Procurement Services Manager, the Contractor's performance is not satisfactory, the Contractor shall be advised of the reasons. If the Contractor fails to correct the unsatisfactory conditions within 5 days, the Procurement Services Manager may declare this contract terminated upon 30 days written notice and contract with another Contractor. The City shall have no obligation to give more than two notices of unsatisfactory performance in any calendar year. In the event two such notices of unsatisfactory performance are given in any calendar year, and in the event that Contractor(s) shall again fail to satisfactorily perform services pursuant to this contract, City may thereupon terminate this contract immediately. In the event of termination hereunder, the Contractor and/or surety will be liable and assessed for any and all costs for the re-procurement of the contract services.
22. **Environmentally Preferable Procurement**

The City has adopted a "Sustainable Procurement Policy (SPP) and program. The goal is to encourage the procurement of products and services that help minimize environmental impact resulting from use and disposal of these products. Contractors are encouraged to offer Energy Star, Green Seal, EcoLogo, EPEAT, or products that meet FEMP (Federal Energy Management Program) standards for energy consumption. City also encourages contractors to offer products that are produced with recycled materials, where appropriate, unless otherwise requested in this IFB. Contractors will offer products that have minimal virgin materials and maximum use of recycled products. Contractor must work with the City to attain these goals.

Notwithstanding the above, the Contractor agrees to supply the City of Sacramento with environmentally preferable and effective products in compliance with the specifications in this solicitation and provide services that help minimize environmental impact resulting from use and disposal of products specified in this bid.

The Contractor further agrees that its products specified in this bid do not contain any items, ingredients or components prohibited under the City's SPP Policy.

The City may terminate this contract or take other appropriate actions if the contractor fails to comply or provide adequate supporting documentation to substantiate compliance with the City's SP Policy and requirements specified in the bid.

The City's SPP Policy is available on line at:

http://www.cityofsacramento.org/generalservices/procurement/documents/Sustainable_Purchasing_Policy_SPP.pdf or by contacting the Procurement Services Division at (916) 808-6240.

SECTION II – CONTRACT DOCUMENTS

C. TECHNICAL SPECIFICATIONS/PLANS/OTHER REQUIREMENTS

SPECIFICATIONS FOR LIQUID SODIUM HYPOCHLORITE IN BULK

The liquid sodium hypochlorite shall be furnished by the Contractor in accordance with these specifications.

QUALITY

The liquid sodium hypochlorite shall be in accordance with AWWA Standard B300-10 or the latest revision, except as modified or supplemented herein. The manufacturer or supplier shall provide an affidavit that the liquid sodium hypochlorite furnished under this specification complies with all applicable requirements of AWWA Standard B300 at the time of delivery.

Also, this material shall be certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with American National Standards Institute (ANSI) / National Sanitation Foundation (NSF) Standard 60, Drinking Water Treatment Chemicals-Health Effects.

Sodium hypochlorite shall be in accordance with the United States Environmental Protection Agency (USEPA) regulations and shall be registered, labeled, and marked as prescribed by the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Each load supplied under this bid shall meet the following criteria:

Product Standards	AWWA/ANSI B300 Sodium Hypochlorite – Liquid <i>see attached spec.</i>
Product Certification	ANSI/NSF Standard 60, Drinking Water Treatment Chemicals – Health Effects <i>see attached NSF lab report.</i>
Solution Strength	Available Chlorine shall be between 12.5 and 20 trade percent. pH range shall be between 11 -13.
Composition	Shall contain a minimum of 120 grams per liter (GPL) available chlorine (equivalent to 10.85 percent sodium hypochlorite by weight).
	Shall have a minimum of 0.15% and a maximum of 0.45% by weight sodium hydroxide.
	Total free alkali (NaOH) shall not exceed 1.5% by weight.
	Insoluble matter shall not exceed 0.15% by weight.
Clarity	Clear, light-yellow colored liquid with no visible cloudiness, impurities, or sediment. Each load shall be visually inspected on-site by plant operational staff. Acceptance of each load based upon this visual inspection.

Contaminant Concentrations	< 0.3 mg/L Iron, < 0.03 mg/L Copper, < 0.03 mg/L Nickel, < 2,000 mg/L Chlorate , < 20 mg/L Bromate
Suspended Solids Filter Test Time	< 3 minutes

SDS, ANALYSIS DATA, AND CERTIFICATION

Bidders shall supply the Safety Data Sheet, an analysis of the sodium hypochlorite, the manufacturer’s specification sheet, and the manufacturer’s labeling instructions as part of the bid package together with the location of the manufacturer’s plant site. Bidders shall also supply proof with each shipment that the proposed product has been certified as suitable for contact with or treatment of drinking water by an accredited certification organization in accordance with ANSI/NSF 60, Drinking Water Treatment Chemicals – Health Effects.

It is the responsibility of the supplier to inform the City of Sacramento that NSF or UL certification has been revoked or lapsed within 24 hours of the time the supplier receives verbal or written notification. Loss of certification shall constitute sufficient grounds for immediate termination of the contract between City of Sacramento and Contractor.

SAMPLES

Prior to the award of the contract, the City may require that samples be submitted for evaluation and/or testing. The samples provided by the Contractor shall represent the exact items and/or products bid and to be supplied. Samples must be received within 5 working days of the request for pre-award samples. Failure to satisfy any of the City’s requirements and/or specifications may result in the rejection of the bid.

Prior to Contractor unloading materials, the City may perform quick tests and sample analysis to verify that the items and/or products supplied meet the requirements of this specification. The total gross sample taken shall not exceed 10 qt (9.5 L). The Contractor or its subcontractors shall allow 45 minutes for this pre-unloading testing to be completed. If the City cannot complete the testing within the 45 minute period, the City shall allow the Contractor to unload the shipment. In the event that the load is rejected based upon test results, the Contractor shall have twenty-four (24) hours to supply another shipment. If the Contractor is unable or unwilling to supply another shipment within this time period, the City has the right to procure a shipment from another source. Two rejections of a lot or shipment in any twelve (12) month period shall constitute automatic termination of the Contractor’s supply contract with the City of Sacramento.

At any time after unloading, the City reserves the right to perform complete tests and sample analysis to ensure that the items and/or products supplied meet the Environmental Protection Agency (EPA) specifications, AWWA B300 specifications, and the supplemental specifications provided within this document. A combination of two failures to comply with these specifications,

whether from shipment rejections as outlined above or from failure to meet specifications after a complete laboratory analysis may result in termination of the Contractor's supply contract with the City of Sacramento.

ESTIMATED QUANTITIES

Quantities (or expenditures) shown are merely annual estimates. The quantity specified is based upon current known requirements and is subject to increase or decrease at the same terms and conditions. Contractor agrees to furnish more or less than the estimates at the unit prices quoted in accordance with availability of funds and actual needs as they occur throughout the contract period. The City of Sacramento does not guarantee to purchase minimum quantity, or to purchase any remaining products that Contractor may have acquired in support of this Agreement.

ORDERS

Orders will be made on an "as needed" basis during the contract period.

DELIVERY LOCATIONS AND CONTACTS

It may be required that the sodium hypochlorite be delivered to either one or both of the delivery locations listed. All deliveries shall be made in agreement with the primary contact assigned to each location. Secondary contacts may be contacted if for some reason, primary contacts are not available.

Site Contacts:

**Combined Waste Water Treatment Plant
(CWTP)
1391 35th Avenue
Sacramento, CA 95822**

**Pioneer Reservoir
(Pioneer)
2100 Front Street
Sacramento, CA 95818**

CWTP Primary Contact:

Stephen Douglas, Sr. Plant Operator
Office (916) 808-7087
Email sdouglas@cityofsacramento.org

Pioneer Primary Contact:

Steve Kruenegel, Sr. Plant Operator
Office (916) 446-1778
Email skruenegel@cityofsacramento.org

Secondary Contact for both CWTP and Pioneer:

Mike Ragan, Supervising Plant Operator
Office (916) 808-5822
Cell (916) 952-8803
Email mragan@cityofsacramento.org

DELIVERY

Deliveries shall be made in agreement with the Plant Operation's schedule after receipt of orders, typically within three (3) working days, at any time during the contract period. Delivery shall be made in 4,000 gallon or larger tank trucks or trailers. Trucks or trailers shall be equipped with a weight measurement system that will show the number of gallons or pounds of product delivered to the City's storage tank. If a truck is not equipped with a weight measurement system the driver shall provide a truck scale reading for each delivery. Delivery time of shipments shall not exceed two weeks from the time of product manufacture.

Deliveries shall be made Monday through Thursday, between 7:00 a.m. and 2:00 p.m., and Friday, between 7:00 a.m. and 1:00 p.m., during which time the City will provide personnel to monitor and assist with unloading the liquid chlorine from tank truck to receiving storage. Unless otherwise directed, failure to observe this time constraint may result in a delay of the unloading to the following day, at no additional cost to the City. The City may reject any load with missing, damaged, or open seals or lack of chain of custody paperwork if delivery equipment lacks seals. Any trucks found to be leaking product will not be allowed to enter City property.

The tanks or trailers shall be clean and free of residue that may contaminate the Contractor's product or impede the unloading process. It is the Contractor's responsibility to verify the cleanliness of the transporting equipment before loading. All appurtenant valves, pumps, and discharge hoses used for the delivery of sodium hypochlorite shall be supplied by the Contractor and shall be clean and free from contaminating material. The City of Sacramento may reject a load if the equipment is not properly cleaned.

Delivery driver shall provide an approved, leak-free connection device and must make all line connections from the tank truck to the City's feed system. The driver must be trained how to recognize leaks, how to shut-off the system, and how to make any emergency repairs necessary. The driver shall observe the transfer filling operation and be present at all times until the transfer is complete. The driver shall perform disconnection of all lines from the City's system and shall be responsible for minimizing any spillage due to such operation.

The Contractor shall be responsible for any spills resulting from failure of its delivery equipment or from failure of attendant delivery personnel in the proper performance of their duties. Proper performance shall require attendant delivery personnel's constant inspection and observation of unloading operations and knowledgeable response to problems or emergencies, which would most commonly be expected to occur. The City of Sacramento reserves the right to refuse any and all deliveries made with equipment that is poorly maintained and/or leaking sodium hypochlorite.

The Contractor shall take immediate and appropriate actions to clean up any spilled liquid sodium hypochlorite. If the spill is not cleaned up, the City will hire a certified hazardous material handling

company to clean up the spill and the cost of such service will be charged to the Contractor and deducted from the amount due to the Contractor. If the City of Sacramento's equipment, such as pipes, valves, level indications, or alarms, should fail and the spillage is not the fault of the Contractor, the Contractor shall be relieved of cleanup of the spill.

All tank truck deliveries must conform to any and all U.S. Department of Transportation regulations covering highway transport of sodium hypochlorite solution and comply in every respect with current Federal and State Hazardous Materials regulations. Packaging shall comply with Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) under USEPA regulations.

EMERGENCY DELIVERIES

Due to weather events, the City may require emergency deliveries on weekends and holidays from time to time. Contractor shall provide an after -hours contact and phone number. Orders shall be placed with as much notice to the Contractor as possible and Contractor shall make every practicable effort to deliver product as needed.

DELIVERY DOCUMENTATION AND PROTOCOL

The City of Sacramento delivery sites listed require an email from the liquid sodium hypochlorite supplier the day of delivery, at least an hour prior to arrival. Information listed below shall be emailed to the delivery facility contacts listed below prior to delivery. The email must contain the following information;

1. Security Information Sheet (Must include the following)
 - Delivery Location
 - Driver Information
 - Estimated Time of Arrival
 - Bill of Lading Number
 - Truck Number
 - License Number
 - Seal Numbers
2. Driver Identification with photo
3. Affidavit of Compliance / Certificate of analysis from the manufacturer that shall include the following information:
 - Date and Time of Manufacture
 - Sodium Hypochlorite (NaOCl) % by Weight
 - Sodium Hydroxide (NaOH) % by Weight
 - Specific Gravity (Referenced at specific temperature)
 - pH
 - Contaminant Concentrations

- Suspended Solids Test Time
- AWWA/NSF Compliance

4. Weight Certificate

If applicable, provide the following additional items:

5. Washout Certificate or "last Contained" notation on CoA /Affidavit of Compliance
6. Product Tank Identification and Washout Checklist*

* Note: This requirement does NOT need to be emailed or faxed prior to delivery, but needs to be completed by the driver and suppliers facility personnel.

Upon arrival drivers will present the above information for verification by City of Sacramento Water Treatment Plant personnel. Deliveries will not be accepted by the City of Sacramento unless accompanied by Certificate of Analysis for the specific batch of liquid sodium hypochlorite delivered showing the above data and that it conforms to the required specifications.

NOTICE OF NON-CONFORMANCE

If the material or its container does not meet the chemical, physical, or safety requirements of the industry and regulatory standards and the City's specifications, notice shall be given to the supplier immediately after observing said non-compliance; but in any case, within 30 days of receipt of shipment. In this event, supplier shall remove the unsuitable product or container from the premises of the purchaser at the City's request and replace it with a like amount of satisfactory liquid chlorine in an acceptable container; or, if there is an appropriate and safe solution for the problem, a price adjustment may be agreed upon between the supplier and the City.

FREIGHT

All items are to be supplied F.O.B. Destination, prepaid and allowed. Contractor will bear and pay freight charges at time of shipment and will hold title to goods up until they are received by the City of Sacramento at the shipping destination. Contractor will be responsible for filing all claims for damaged or lost goods.

PAYMENT

Payment will be made on the weight of product delivered. The contractor shall include with each shipment a certification of the total weight contained in each shipment.

SAFETY PROCEDURES & PROGRAM

Bidders shall supply copies of their safety procedures and/or program as part of the bid package. All services and/or products must comply with current California State Division of Industrial Safety Orders and Cal O.S.H.A. At a minimum, we would like information on the following pieces of your safety procedures/program:

- Any training specific to the Chemical material being provided
- Injury & Illness Prevention Program (IIPP)
- Hazard Communication Program and/or training
- Hazardous Materials Program and/or training
- Hazardous Material Spills Program and/or training if separate from Hazardous Materials

As part of its Emergency Preparedness Planning and Spill Response Plan, the successful bidder, upon award, shall submit a list of at least two degreed engineers (preferably Chemical Engineers) experienced in sodium hypochlorite operations to provide emergency support services on a 24/7 basis in the event of a spill, equipment failure, or other emergency. List shall include the following information for each engineer: name, a 24 hour access phone number, degree received, college or university attended, and year of graduation. Failure to submit this list including all of the required information or failure to adhere to this requirement may result in the bid being found non-responsive.

All delivery vehicle drivers shall be U.S. citizens and have a proper commercial driver's license with a Hazardous Material endorsement.

SECURITY PROCEDURES

Contractor shall provide the City with a "CD" containing digital photographs of all of its delivery drivers with names imposed. Contractor shall send the City an updated CD within 24 hours of any change to its drivers. The City of Sacramento shall use the CD to verify whether a driver is actually an employee of the Contractor.

Contractor's drivers shall display their driver's license whenever asked by a City of Sacramento representative during the delivery. Failure to show proper license or failure of driver to be listed on CD provided to the City may result in rejection of delivery and could result in termination of the Contractor's supply agreement.

SECTION III BIDDER RESPONSE DOCUMENTS

SECTION III – BIDDER RESPONSE DOCUMENTS

A. ITEMS REQUIRING BIDDER RESPONSE

1. LOCAL BUSINESS SALES/USE TAX DEDUCTION

The Sacramento City Code requires the City to identify those bids that are subject to the City's local sales or use tax under the provisions of Part 1.5 of Division 2 of the California Revenue and Taxation Code and Chapter 3.24 of the Sacramento City Code. The lowest responsible bidder shall be determined after the amount of local sales or use tax that would be received by the City is deducted from such bids. The current rate at which such local sales or use tax is received by the City is one percent (1%). Therefore, in evaluating bids to determine the lowest responsible bidder, bids that are subject to this tax at the time of bid opening shall have an amount equal to one percent (1%) of the taxable total deducted from the bids. This deduction shall be in addition to the application of any bid price preferences or other deductions authorized by the City Code. Such deductions shall be made for bid evaluation purposes only. Contract awards shall be made at the actual bid amount.

In order to identify those bids that are subject to the City's local sales or use tax, all bidders shall respond to the following:

Does the bidder have fixed offices or locally taxable distribution points within the boundaries of the City of Sacramento? Yes; or X No

If the answer to Question above is "Yes":

a) Provide the address of the bidder's fixed offices or locally taxable distribution point(s):

Specify: fixed office location or distribution point(s): _____

b) Provide the bidder's current, valid City of Sacramento Business Operations Tax Certificate Number: _____

2. DELIVERY GUARANTEE

Contractor guarantees delivery within 3 days after receipt of order (ARO).

3. PAYMENT DISCOUNT

Will you offer a prompt payment discount? Yes [] or No [X] (Net 30 days)

If Yes, the Payment Discount is _____% for payment within _____ calendar days, which will be computed from the date delivery is made and is accepted by the City, or the date a proper invoice is received, whichever is later.

PAYMENT DISCOUNTS SHALL BE CONSIDERED IN AWARDING THE CONTRACT AS SET FORTH IN THE "BID INSTRUCTIONS AND REQUIREMENTS", PARAGRAPH 11 (ENTITLED "PAYMENT DISCOUNTS").

4. ELECTRONIC FUNDS TRANSFER (EFT) (informational only):

Do you have the ability to accept electronic payments (EFT)? Yes X or No

If Yes, what percentage discount would you offer the City to be paid through EFT? 0 %

SECTION III – BIDDER RESPONSE DOCUMENTS

**B. ITEMS THAT MUST BE SUBMITTED BY SUCCESSFUL
BIDDER PRIOR TO START OF CONTRACT**

The following documents are required to be completed and submitted by the successful bidder prior to the award of contract of the contract:

1. CERTIFICATE OF INSURANCE

Successful bidders are REQUIRED to submit the necessary Certificate(s) of Insurance as called for in the General Conditions prior to award of the contract.

2. BUSINESS OPERATIONS TAX CERTIFICATE

Chapter 3.08 of the Sacramento City Code requires that anyone conducting business in the City of Sacramento obtain a **Business Operations Tax Certificate** and pay the applicable tax if necessary. Successful bidders will be REQUIRED to show compliance with this requirement prior to award of the contract.

To obtain information about the Business Operations Tax Certificate, contact the City of Sacramento, Revenue Division, 915 I Street, Room 1214, Sacramento, CA 95814, or telephone (916) 808-8500.

SECTION III – BIDDER RESPONSE DOCUMENTS

C. DECLARATION OF COMPLIANCE
Equal Benefits Ordinance

Name of Contractor: Olin Corporation, dba Olin Chlor Alkali Products

Address: 26700 South Banta Road, Tracy, CA 95304

The above-named Contractor (“Contractor”) hereby declares and agrees as follows:

1. Contractor has read and understands the Requirements of the Non-Discrimination In Employee Benefits Code (the “Requirements”) attached hereto as Exhibit F.
2. As a condition of receiving this Contract, Contractor agrees to fully comply with the Requirements, as well as any additional requirements that may be specified in the City of Sacramento’s Non-Discrimination In Employee Benefits Code codified at Chapter 3.54 of the Sacramento City Code (the “Ordinance”).
3. Contractor understands, to the extent that such benefits are not preempted or prohibited by federal or state law, employee benefits covered by the Ordinance are any of the following:
 - a. Bereavement Leave
 - b. Disability, life, and other types of insurance
 - c. Family medical leave
 - d. Health benefits
 - e. Membership or membership discounts
 - f. Moving expenses
 - g. Pension and retirement benefits
 - h. Vacation
 - i. Travel benefits
 - j. Any other benefit offered to employees

Contractor agrees that if Contractor offers any of the above-listed employee benefits, Contractor will offer those benefits, without discrimination between employees with spouses and employees with domestic partners, and without discrimination between the spouses and domestic partners of such employees.

4. Contractor understands that Contractor will not be considered to be discriminating in the provision or application of employee benefits under the following conditions or circumstances:
 - a. If the actual cost of providing a benefit to a domestic partner or spouse exceeds the cost of providing the same benefit to a spouse or domestic partner of an employee, Contractor will not be required to provide the benefit, nor shall it be deemed discriminatory, if Contractor requires the employee to pay the monetary difference in order to provide the benefit to the domestic partner or to the spouse.
 - b. If Contractor is unable to provide a certain benefit, despite taking reasonable measures to do so, if Contractor provides the employee with a cash equivalent Contractor will not be deemed to be discriminating in the application of that benefit.
 - c. If Contractor provides employee benefits neither to employee’s spouses nor to employee’s domestic partners.
 - d. If Contractor provides employee benefits to employees on a basis unrelated to marital or domestic partner status.
 - e. If Contractor submits written evidence of making reasonable efforts to end discrimination in employee benefits by implementing policies that will be enacted before the first effective date after the first open enrollment process following the date this Contract is executed by the City of Sacramento (“City”). Contractor understands that any delay in the implementation of such policies may not exceed one (1)

year from the date this Contract is executed by the City, and applies only to those employee benefits for which an open enrollment process is applicable.

- f. Until administrative steps can be taken to incorporate nondiscrimination in employee benefits. The time allotted for these administrative steps will apply only to those employee benefits for which administrative steps are necessary and may not exceed three (3) months from the date this Contract is executed by the City.
 - g. Until the expiration of a current collective bargaining agreement(s) if employee benefits are governed by such collective bargaining agreement(s).
 - h. Contractor takes all reasonable measures to end discrimination in employee benefits by either requesting that the union(s) involved agree to reopen the agreement(s) in order for Contractor to take whatever steps are necessary to end discrimination in employee benefits or by ending discrimination in employee benefits without reopening the collective bargaining agreement(s).
 - i. In the event Contractor cannot end discrimination in employee benefits despite taking all reasonable measures to do so, Contractor provides a cash equivalent to eligible employees for whom employee benefits, are not available. Unless otherwise authorized in writing by the City Manager, Contractor understands this cash equivalent must begin at the time the union(s) refuse to allow the collective bargaining agreement(s) to be reopened or not longer than three (3) months after the date this Contract is executed by the City.
5. Contractor understands that failure to comply with the provisions of Section 4(a) through 4(i), above, will subject Contractor to possible suspension and/or termination of this Contract for cause; repayment of any or all of the Contract amount disbursed by the City; debarment for future contracts until all penalties and restitution have been paid in full and/or for up to two (2) years; and/or the imposition of a penalty, payable to the City, in the sum of \$50.00 for each employee, for each calendar day during which the employee was discriminated against in violation of the provisions of the Ordinance.
6. Contractor understands and agrees to provide notice to each current employee and, within ten (10) days of hire, to each new employee, of their rights under the Ordinance. Contractor further agrees to maintain a copy of each such letter provided, in an appropriate file for inspection by authorized representatives of the City. Contractor also agrees to prominently display a poster informing each employee of these rights.
7. Contractor understands that Contractor has the right to request a waiver of, or exemption from, the provisions of the Ordinance by submitting a written request to the City's Procurement Services Division prior to Contract award, which request shall identify the provision(s) of the Ordinance authorizing such waiver or exemption and the factual basis for such waiver or exemption. The City shall determine in its sole discretion whether to approve any such request.
8. Contractor agrees to defend, indemnify and hold harmless, the City, its officers and employees, against any claims, actions, damages, costs (including reasonable attorney fees), or other liabilities of any kind arising from any violation of the Requirements or of the Ordinance by Contractor.

The undersigned declares under penalty of perjury under the laws of the State of California that the foregoing is true and correct, and that he or she is authorized to bind the Contractor to the provisions of this Declaration.



Signature of Authorized Representative

4/14/14

Date

John M. Schabacker

Print Name

Business Director

Title

SECTION III – BIDDER RESPONSE DOCUMENTS

D. LOCAL BUSINESS ENTERPRISE (LBE) PARTICIPATION PROGRAM

NOTE: Bidders must provide responses where indicated to the following items. Failure to provide a response to each of the items in this section may be grounds for rejection of bid.

1. LBE FIVE PERCENT (5%) PARTICIPATION

On April 3, 2012, the Sacramento City Council adopted a Local Business Enterprise (LBE) Preference Program to provide enhanced opportunities for the participation of local business enterprises (LBEs) in the City's contracting and procurement activities. On November 19, 2013, City Council increased the LBE preference and authorized City departments to require minimum LBE participation levels in individual contracts. Under City Code section 3.60.270, when the bid specifications for a City contract establish a minimum participation level for LBEs, no bidder on the contract shall be considered responsive unless its bid meets the minimum LBE participation level required by the bid specifications.

The City has established a minimum 5% participation level for LBEs on this contract. Pursuant to City Code Section 3.60.270, no bidder on this contract shall be considered responsive unless its bid meets or exceeds this minimum participation level.

Local Business Enterprise means a business enterprise, including but not limited to, a sole proprietorship, partnership, limited liability company, corporation, or other business entity that has a legitimate business presence in the city or unincorporated county of Sacramento. Evidence of legitimate business presence in the city or unincorporated county of Sacramento shall include:

1. Having a current City of Sacramento Business Operation Tax or County of Sacramento Business License for at least twelve (12) consecutive months prior to submission of bid; and
2. Having either of the following types of offices or workspace operating legally within the city or unincorporated county of Sacramento for at least twelve (12) consecutive months prior to submission of bid:
 - a. The LBE's principle business office or workspace; or
 - b. The LBE's regional, branch or satellite office with at least one full time employee located in the city or unincorporated county of Sacramento.

A. LOCAL BUSINESS ENTERPRISE (LBE)

Is the firm submitting the bid qualified as a local business enterprise? Check the appropriate box below:

YES - the firm submitting the bid is qualified as a local business enterprise.

NO - the firm submitting the bid is not qualified as a local business enterprise.

If the response to the above is YES, provide the City of Sacramento Business Operations Tax Certificate Number and/or County of Sacramento Business License Number:

If the response to the above is YES, provide a current copy of the City of Sacramento Business Operations Tax Certificate and/or County of Sacramento Business License.

If the response to the above is YES, provide business office or workspace address*:

* Address must be a physical address for the basis of location, this excludes P.O. Box addresses.

SECTION III – BIDDER RESPONSE DOCUMENTS

E. PRICING SCHEDULE

For furnishing to the City of Sacramento, liquid sodium hypochlorite, as required during the contract period, in accordance with the provision and specifications contained herein.

The bid item listed is for evaluation purposes only. The quantities and item specified are annual estimates only of the City's requirement. Vendor agrees to furnish more or less than the estimates at the unit price quoted in accordance with availability of funds and the actual needs as they occur throughout the contract period.

Prices shall be inclusive, i.e., freight, delivery, etc. Additional charges are not allowed. Sales tax is not applicable as this product is used in the production and purification of potable water for resale, California Resale Permit Number SYKH98-021076.

Liquid Sodium Hypochlorite

<u>Item No.</u>	<u>Quantity/Unit</u>	<u>Description</u>	<u>Unit Price</u>	<u>Extension</u>
1 of 1	300,000 gallons	Liquid sodium hypochlorite in bulk per bid technical specifications *	\$ <u>505</u>	\$ <u>151,500.00</u>

NAME OF SUPPLIER/CONTRACTOR: Olin Corporation, dba Olin Chlor Alkali Products

ADDRESS: 26700 South Banta Road, Tracy, CA 95304

PHONE #: 209-835-7204

EMAIL: JMSchabacker@olin.com

BY: (signature of authorized person) 

PRINTNAME: John M. Schabacker TITLE: Business Director

Note: All information submitted in or in connection with a bid is submitted under penalty of perjury. The City shall have the right to terminate at any time any contract awarded pursuant to a bid that contains false information.

* SEEDLINS PROD. SPEC. & NSF LAB ANALYSIS.



City of Sacramento
Department of Utilities

INVITATION FOR BID
B14141111009

LIQUID SODIUM HYPOCHLORITE IN BULK

ADDENDUM #1

The following items shall become part of the Bid Documents:

Issued: March 27, 2014

Revisions: Invitation for Bid title page correctly reflects the bid submission date of Wednesday April 2, 2014. On page 5, B. Bid Instructions and Requirements section 2.b. incorrectly states the submission date as Wednesday March 12, 2014. Addendum #1 corrects the submission date listed on page 5 of the Invitation to Bid and is attached herein.

For Information Contact:
Deanne Neighbours, Administrative Technician
(916) 808-3536 (voice) (916) 808-7955 (fax)
E-Mail: dneighbours@cityofsacramento.org

SECTION I – REQUIREMENTS

B. BID INSTRUCTIONS AND REQUIREMENTS

No Bid Is In Legal Form Unless the Following Instructions Are Fully Complied With

1. **Additional Copies.** VENDORS ARE REQUIRED TO SUBMIT AN ORIGINAL BID, INCLUDING ALL REQUIRED ATTACHMENTS SUCH AS BROCHURES AND CATALOGS, TO THE CITY CLERK ON THE DATE AND AT THE TIME AND LOCATION SPECIFIED ON THE COVER SHEET. FAILURE TO DO SO MAY CAUSE YOUR BID TO BE REJECTED.
2. **Bid Forms.** Bid must be submitted on these printed forms and sealed in an appropriate envelope or package. Bid submission envelopes/packages shall exhibit the City's bid name and number, and include the vendor's name and address printed on the outside of the envelope/package
 - a) To obtain an electronic version of this bid go to Procurement's website at <http://www.planetbids.com/portal/portal.cfm?CompanyID=15300>
 - b) Bidders are invited to be present at the opening of bids. Bids will be opened, in public, in the Historic City Hall, Historic Chambers, 915 "I" Street, 2nd Floor, Sacramento, CA at or after 2:00 P.M. on Wednesday, April 2, 2014. After opening, Bids may be inspected in the City Clerk's Office.

(Note: Bids must be submitted up to 2:00 P.M. on the above date)

- c) All bids shall be clearly and distinctly written without erasure or modification, and properly signed by an authorized party, who shall indicate the capacity in which the signature is executed.
3. **Alternate Bids.** Alternate bids are invalid unless invited and covered by the specifications. **Please note all submissions are subject to rejection when unsolicited alternate bids are submitted.**
4. **Bid Security.** Bid Security is: Required Not Required

If required, bid security approved by the City must accompany the bid, in the amount of ___ % of the total amount of the bid. Bid security can be in the form of a cashier's check, certified check, or a bid bond from a surety company authorized to do business in the State of California. Bid securities will be returned to all except the three lowest Bidders within ten days after the opening of bids. The bid security of the two unsuccessful Contractors will be returned after the successful Contractor has executed the contract. Bid security of the successful Contractor will be returned when the contract is signed and all other contract award requirements have been met.

5. **Interest in More Than One Bid.** No bidder shall be interested in more than one bid (submit more than one bid for this solicitation) as provided by City Code Section 3.56.130(D).
6. **Rejection of Bids.** The right to reject any and all bids is reserved by the City, in its absolute discretion.
7. **Right to Waive.** The City reserves the right to waive any informalities or minor irregularities, as determined in its sole discretion, in connection with bids received.

- 7A. **City's Options.** City reserves the following options:
 1. The right to award in whole or in part.
 2. The right to reject all partial bids.
 3. The right to reject any or all bids or make no award.
 4. The right to issue subsequent Invitation For Bids (IFB).
 5. The right to approve or disapprove the use of particular subcontractors and/or suppliers.
 6. The right to waive any informality or irregularity in the bidding process and any bids.
 7. The right to accept a bidder's signed offer and issue a purchase order directly to the bidder based on the IFB.



City of Sacramento

Department of Utilities

INVITATION FOR BID

B14141111009

LIQUID SODIUM HYPOCHLORITE IN BULK

ADDENDUM #2

The following items shall become part of the Bid Documents:

Issued: March 28, 2014

Revisions: Invitation for Bid has been revised as follows. The Local Business Enterprise (LBE) Participation Requirements on pages 15 -18 have been revised to waive and remove the minimum 5% LBE participation level on the contract, which required that bidders have a minimum 5% local participation level to be considered responsive. Second paragraph of Item I. LBE PARTICIPATION REQUIREMENT and Item II. DETERMINATION OF LBE PARTICIPATION LEVEL have been removed.

Bid Due Date: Submittal date of April 2, 2012 by 2:00 P.M. has been extended to **April 16, 2012** by no later than 2:00 P.M. to Office of City Clerk, 915 I Street, New City Hall, 4th Floor Public Counter, Sacramento, CA 95814.

For Information Contact:
Deanne Neighbours, Administrative Technician
(916) 808-3536 (voice) (916) 808-7955 (fax)
E-Mail: dneighbours@cityofsacramento.org

OLIN EMERGENCY RESPONSE TRAINING AND PROCEDURES

Safety Equipment Carried On Our Delivery Trucks:

- Escape respirator
- Two bottles of potable saline eyewash
- Emergency Response Guide Book
- Goggles, hard hat, safety glasses
- PVC polyester acid slicker suit, boots, gloves
- Fire extinguisher
- Radio equipment/GPS

Equipment Inspection:

- Tractors, vans, flats, dollies: "B" Inspection (12 point) every 90 days
- Tankers: "B" Inspection (12 point) every 60 days
- All equipment: "A" Inspection (37 point-critical) annually

Emergency Training Received By Our Drivers:

<u>Name of Course</u>	<u>Initial Training</u>	<u>Refresher Course</u>
HM-126F/HM-181F	4 hours	2 hours every 3 years
Hazardous Communication	4 hours	2 hours every 3 years
Emergency Response and S.O.P.'s	1 hour	1 hour annually

Procedures For Chemical Emergencies:

- Drivers are instructed to call 911 (First)
- Contact Chemtrec (Second)
- Contact OLIN Technical Support (Third)

OLIN Contact For Emergencies:

- 24 hour emergency phone number: Chemtrec - (800) 424-9300
- Charlie Burgess - Tech Service (209) 835-5424 x240 - office
(209) 207-2113 - cell
- Gwen Soliman - Plant Manager(Tracy) (209) 221-8206 - office

Sales Specification

12.5 wt% Sodium Hypochlorite Solution

West Coast Water Treatment Specification



Characteristics	Units	Min	Max
Sodium Hypochlorite, NaOCl	wt%	12.5	15.6
Available Chlorine	wt%	11.9	14.8
Total Alkalinity ¹	wt%	0.1	1.5
Chlorate (12.5% Basis) ²	ppm	N/A	2,380
Bromate (12.5% Basis) ²	ppm	N/A	35
Insolubles ¹	wt%	N/A	0.15
Iron, Fe	ppm	N/A	1.5
Nickel, Ni	ppm	N/A	0.1
Copper, Cu	ppm	N/A	0.1
Cobalt, Co	ppm	N/A	0.1

1 – Limit set to meet ANSI/AWWA B300-10

2 – Limit set to meet NSF/ANSI Standard 60

Meets the Following

ANSI/AWWA B300-10

EPA Pesticide Registration

NSF/ANSI Standard 60 Certification

Olin Document Information

Specification No: NaOCl-S4	Revision: 0	Issue Date: 06/06/2013	Supersedes: New	Review Date: 06/06/2018	Sheet No.: 1 of 1
-------------------------------	----------------	---------------------------	--------------------	----------------------------	----------------------

Material Safety Data Sheet



Sodium Hypochlorite 12.5 wt%

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sodium Hypochlorite 12.5 wt%
 Product code : 105004
 MSDS Number : 1000032
 Synonyms : Sodium Hypochlorite - 18, Hypo, Liquid Bleach, Bleach, Hypochlorite, Liquid Chlorine Solution, Javel Water
 Chemical Family : Hypochlorite
 Molecular formula : NaOCl
 Product Use Description : Swimming pool chlorinator, hard surface cleaner, mildcide, Water treatment chemical, Biocides, bleach solutions and bleach fixer solutions

Company

Olin Chlor Alkali Products
 490 Stuart Road, NE
 Cleveland, Tennessee 37312

Pioneer Americas, LLC
 d/b/a Olin Chlor Alkali Products
 490 Stuart Road, NE
 Cleveland, Tennessee 37312

Olin Canada ULC
 d/b/a Olin Chlor Alkali Products
 2020 University, Suite 2190
 Montreal, Quebec H3A 2A5

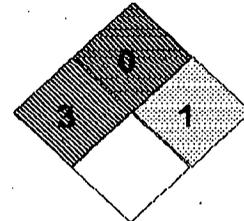
Emergency Phone Number : **US: 1-800-424-9300 - CHEMTREC**
CANADA: 1-800-567-7455

SECTION 2. HAZARDS IDENTIFICATION

HMIS Classification : Health Hazard: 3
 Flammability: 0
 Physical hazards: 2

HMIS	
Health Hazard	3
Flammability	0
Physical Hazard	2

NFPA Classification : Health Hazard: 3
 Fire Hazard: 0
 Reactivity Hazard: 1



Emergency Overview

OSHA Hazards : OXIDIZER, UNSTABLE (REACTIVE), CORROSIVE
 Immediately Dangerous to Life or Health : Not established for the product.

Potential Health Effects

Primary Routes of Entry : Ingestion, Eyes, Inhalation, Skin Absorption
 Aggravated Medical Condition : Asthma, Heart disease, Respiratory disorder
 Inhalation : Inhalation of vapors is irritating to the respiratory system, may cause throat pain and cough.
 Inhalation of aerosol may cause irritation to the upper respiratory tract.
 Higher exposure may cause lung edema, circulatory collapse and unconsciousness.

Material Safety Data Sheet



Sodium Hypochlorite 12.5 wt%

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

- Skin : May cause skin irritation and/or dermatitis.
Prolonged skin exposure may cause destruction of the dermis with impairment of the skin to regenerate at site of contact.
- Eyes : Causes serious eye irritation.
Blurred vision
May cause impairment of vision and corneal damage
- Ingestion : Ingestion or inhalation of high concentrations may cause injuries to gastrointestinal tract, liver, kidneys and central nervous system.
Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
- Chronic Exposure : Repeated inhalation exposure may cause impairment of lung function and permanent lung damage.
Effects from chronic skin exposure would be similar to those from single exposure except for effects secondary to tissue destruction.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
 IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
 OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
 ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Weight %
sodium hypochlorite	7681-52-9	10.00 - 20.00
sodium hydroxide	1310-73-2	1.00 - 5.00

SECTION 4. FIRST AID MEASURES

First aid procedures

- Eye contact : • IMMEDIATELY flush eyes with plenty of water holding eyelids apart for at least 15-20 minutes
• Get medical attention IMMEDIATELY.
- Skin contact : • Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.
- Ingestion : • Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.
- Inhalation : • Move person to fresh air.



Sodium Hypochlorite 12.5 wt%

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or drains.
 Will form hazardous reaction products
 Suppress (knock down) gases/vapours/mists with a water spray jet.
 Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a suitable container for disposal according to local / state / province/national regulations (see section 13).

- Additional advice :
- Dispose of as hazardous waste in compliance with local, province, state and federal regulations.
 - You are requested to contact the emergency numbers listed below before beginning any such operation.

FOR ALL ACCIDENTS, CALL CHEMTREC AT 800-424-9300 OR CANADA AT 1-800-567-7455.

SECTION 7. HANDLING AND STORAGE

Handling

- Handling :
- Personnel working with this chemical should be trained on its hazards.
 - Avoid contact with skin and eyes.
 - Do not ingest.
 - Avoid inhalation of vapor or mist.
 - Wear personal protective equipment.
 - For personal protection see section 8.

- Advice on protection against fire and explosion :
- Normal measures for preventive fire protection.

Storage

- Requirements for storage areas and containers :
- Do not freeze.
 - Store in a cool and shaded area.
 - Keep in a well-ventilated place.
 - To maintain product quality, do not store in heat or direct sunlight.
 - Decomposition rate increases as it is heated.
 - Keep in properly labeled containers.
 - Keep container closed when not in use.

- Store at temperatures not exceeding :
- 86 F (30 C)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters	Update	Basis
sodium hydroxide	1310-73-2	CEIL	2 mg/m3	1994-09-01	ACGIH
		TWA	2 mg/m3	1993-06-30	OSHA P1

**Sodium Hypochlorite 12.5 wt%**

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

Engineering measures

Engineering measures : Use local exhaust ventilation to maintain levels to below the PEL.

Personal protective equipment

Eye protection : Ensure that eyewash stations and safety showers are close to the workstation location. Chemical resistant goggles must be worn.

Skin and body protection : Boots. Full protective suit. Wear protective gloves.

Respiratory protection : Sudden release of chlorine hazard. If air concentrations above the PEL are possible, wear a NIOSH approved respirator. Wear respiratory equipment when entering the spray area.

Hygiene measures : • General industrial hygiene practice.

Suitable material**Boots.**

- Neoprene
- butyl-rubber
- PVC
- Viton[®]
- Saranex[®]

Gloves

- Neoprene
- butyl-rubber
- PVC
- Viton[®]
- Saranex[®]

Protective suit

- Neoprene
- butyl-rubber
- PVC
- Viton[®]
- Saranex[®]

The listed materials are guidelines only and there are numerous PPE alternatives depending on the site specifics of where the chemical is used. You should always consult with your PPE supplier for the correct tested material.

Before using this chemical you should be aware of its hazards and be knowledgeable of emergency procedures in the event of a spill.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form : liquid

Color : yellow to yellowish green

Odor : pungent

Safety data

Flash point : not applicable

Lower explosion limit : not applicable

Upper explosion limit : not applicable

Autoignition temperature : not applicable

Molecular Weight : 74.5 g/mol

pH : 12 - 14 at 77 F (25 C)

Freezing point : -17 F (-27 C) 16% Solution

Boiling point/boiling range : Decomposes on heating.

Vapor pressure : 12 mmHg at 68 F (20 C) 12.5% Solution

Bulk density : not applicable

Water solubility : completely miscible

Evaporation rate : no data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : • High heat, sunlight and ultra-violet light

Materials to avoid : • Oxidizing agents, Acids, Nitrogen containing organics, Metals, Iron, Copper, Nickel, Cobalt, Organic materials, Ammonia



Sodium Hypochlorite 12.5 wt%

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

Hazardous decomposition products : Decomposition will result in the formation of oxygen from contact with copper, nickel, cobalt and iron solids such as rust. Decomposition rate increases as it is heated. May develop chlorine if mixed with acidic solutions.

Thermal decomposition : Decomposition rate increases as it is heated.

Hazardous polymerization : Does not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

Human Threshold Response

Odor threshold : approximately 0.9 mg/m³ (0.3 ppm) pungent
 Irritation Threshold : no data available
 Immediately Dangerous to Life or Health : Not established for the product.

Animal Toxicology

Acute oral toxicity : LD50 rat
 Dose: 3 - 5 g/kg

Acute dermal toxicity : LD50 rabbit
 Dose: > 2 g/kg

Acute inhalation toxicity : LC50
 no data available

SECTION 12. ECOLOGICAL INFORMATION

Acute Fish toxicity : LC50 Bluegill sunfish: 2.90 mg/L
 Exposure time: 96 Hour

LC50 Pimephales promelas (fathead minnow): 1.40 mg/L
 Exposure time: 96 Hour

LC50 Oncorhynchus mykiss (rainbow trout): 0.90 mg/L
 Exposure time: 0.5 Hour

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Classification : If this product becomes a waste, it meets the criteria of a hazardous waste as defined under 40 CFR 261 and would have the following: D002

Further information : • If this product becomes a hazardous waste, it will be a hazardous waste which is subject to the Land Disposal Restrictions under 40 CFR 268 and must be managed accordingly.
 • Dispose of as hazardous waste in compliance with local, province, state and federal regulations.

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL. THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL.

Material Safety Data Sheet



Sodium Hypochlorite 12.5 wt%

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, PROVINCE, STATE AND FEDERAL LAWS AND REGULATIONS REGARDING TREATMENT, STORAGE AND DISPOSAL FOR HAZARDOUS AND NON HAZARDOUS WASTES.

SECTION 14. TRANSPORT INFORMATION

DOT Proper shipping name : Hypochlorite Solutions
UN-Number : UN1791
Class : 8
Packing group : III
Hazard Labels/Placard : 8
Emergency Response : 154
Guidebook Number
Reportable Quantity : 100 LB
(Per 49 CFR 172.101, Appendix)

TDG CLR Proper shipping name : Hypochlorite Solutions
UN-Number : UN1791
Class : 8
Packing group : III
Hazard Labels/Placard : 8

IATA UN-Number : UN1791
Description of the goods : Hypochlorite Solutions
Class : 8
Packaging group : III
ICAO-Labels : 8

IMDG UN-Number : UN1791
Description of the goods : Hypochlorite Solutions
Class : 8
Packaging group : III
IMDG-Labels : 8
Marine pollutant : no

See regulations for further information.

FOR ALL ACCIDENTS, CALL CHEMTREC AT 800-424-9300 OR CANADA AT 1-800-567-7455.

SECTION 15. REGULATORY INFORMATION

CANADIAN CLASSIFICATION

WHMIS Classification : E Corrosive Material

NPRI Components : Hypochlorous acid, sodium salt 7681-52-9
Sodium hydroxide (Na(OH)) 1310-73-2

Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

US CLASSIFICATION

OSHA Hazards : Oxidizer, Unstable (reactive), Corrosive

Material Safety Data Sheet



Sodium Hypochlorite 12.5 wt%

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

CERCLA : 100 lbs

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard
Reactivity Hazard

EPCRA - Emergency Planning and Community Right-to-Know Act

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US STATE REGULATIONS

Massachusetts Right To Know Components : Hypochlorous acid, sodium salt 7681-52-9
1991-07-01

Sodium hydroxide (Na(OH)) 1310-73-2
1991-07-01

Pennsylvania Right To Know Components : Hypochlorous acid, sodium salt 7681-52-9
1991-07-01

Sodium hydroxide (Na(OH)) 1310-73-2
1991-07-01

Sodium chloride (NaCl) 7647-14-5

Water 7732-18-5

Carbonic acid disodium salt 497-19-8

New Jersey Right To Know Components : Water 7732-18-5

Hypochlorous acid, sodium salt 7681-52-9
1991-07-01

Sodium chloride (NaCl) 7647-14-5

Sodium hydroxide (Na(OH)) 1310-73-2
1991-07-01

California Prop 65 Components : This product is not listed, but it may contain elements known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act. For additional information, contact Olin Technical Services (800-299-6546).

GLOBAL INVENTORIES

The components of this product are reported in the following inventories:
EINECS On the inventory, or in compliance with the inventory

Material Safety Data Sheet



Sodium Hypochlorite 12.5 wt%

Version 6

Revision Date 02/15/2011

Print Date 02/16/2011

TSCA	On TSCA Inventory
AICS	On the inventory, or in compliance with the inventory
DSL	All components of this product are on the Canadian DSL list.
ENCS	On the inventory, or in compliance with the inventory
KECI	On the inventory, or in compliance with the inventory
PICCS	On the inventory, or in compliance with the inventory
IECSC	On the inventory, or in compliance with the inventory
NZIoC	On the inventory, or in compliance with the inventory

SECTION 16. OTHER INFORMATION

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Prepared by: : ORC MSDS Control Group
Olin Chlor Alkali Products
1186 Lower River Rd.
P.O. Box 248
Charleston, TN 37310
Phone Number: (888) 658-MSDS (6737)



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Thursday, March 13, 2014** at 12:15 a.m. Eastern Time. Please contact NSF International to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: <http://info.nsf.org/Certified/PwsChemicals/Listings.asp?Company=35770&Standard=060&>

NSF/ANSI 60 Drinking Water Treatment Chemicals - Health Effects

Olin Chlor Alkali Products

490 Stuart Road Northwest
Cleveland, TN 37312
United States
423-336-4489

Facility : # 1 Becancour, Quebec, Canada

Chlorine[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine	Disinfection & Oxidation	30mg/L
Liquid Chlorine	Disinfection & Oxidation	30mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrochloric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid	Corrosion Control	40mg/l

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda Solution, 50% - All Grades	Corrosion & Scale Control	100mg/L
Caustic Soda Solution, 50% - Diaphragm Grade	Corrosion & Scale Control	100mg/L
Caustic Soda Solution, 50% - Membrane Grade	Corrosion & Scale Control	100mg/L
Sodium Hydroxide Solution, 50% - All Grades	Corrosion & Scale Control	100mg/L
Sodium Hydroxide Solution, 50% - Diaphragm Grade	Corrosion & Scale Control	100mg/L

Sodium Hydroxide Solution, 50% - Membrane Grade Corrosion & Scale Control 100mg/L

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
High Strength Sodium Hypochlorite Delivered at 15.5[1]	Disinfection & Oxidation	67mg/L
Sodium Hypochlorite 12	Disinfection & Oxidation	97mg/L
Sodium Hypochlorite 12.5 Bacticide	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 14	Disinfection & Oxidation	86mg/L
Sodium Hypochlorite 15	Disinfection & Oxidation	81mg/L
Sodium Hypochlorite 16	Disinfection & Oxidation	76mg/L
Sodium Hypochlorite 19[1]	Disinfection & Oxidation	67mg/L
Sodium Hypochlorite Delivered at 14	Disinfection & Oxidation	75mg/L

[1] High Strength Sodium Hypochlorite Delivered at 15.5 and Sodium Hypochlorite 19 are certified to NSF/ANSI Standard 60 but are manufacturing use products and cannot be used directly for end use treatment of drinking water. These products can be diluted and used in the manufacture of other products that are certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Sulfuric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sulfuric Acid	Corrosion & Scale Control pH Adjustment	40mg/L
Sulfuric Acid, Drying Grade	Corrosion & Scale Control pH Adjustment	40mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : # 2 Tacoma, WA**Chlorine[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine Gas	Disinfection & Oxidation Algicide	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Sodium Hypochlorite[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bacti-Chlor 11%	Disinfection & Oxidation	96 mg/L
Bacticide 12.5%	Algicide	84 mg/L

	Disinfection & Oxidation Algicide	
L.T. Sanitizer 5.25%	Disinfection & Oxidation Algicide	200 mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation Algicide	84 mg/L
Sodium Hypochlorite 9%	Disinfection & Oxidation Algicide	114mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : # 2 Becancour, Quebec, Canada

Chlorine[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine	Disinfection & Oxidation	30mg/L
Liquid Chlorine	Disinfection & Oxidation	30mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrochloric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid	Corrosion & Scale Control	40mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda Solution, 50% - All Grades	Corrosion & Scale Control	100mg/L
Sodium Hydroxide Solution, 50% - All Grades	Corrosion & Scale Control	100mg/L

Sulfuric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sulfuric Acid	Corrosion & Scale Control pH Adjustment	40mg/L
Sulfuric Acid, Drying Grade	Corrosion & Scale Control pH Adjustment	40mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : McIntosh, AL**Chlorine[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrochloric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid (20 Degree Baume)	Corrosion & Scale Control	40mg/L
Hydrochloric Acid (22 Degree Baume)	Corrosion & Scale Control	40mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 50%	Corrosion & Scale Control	100 mg/L
Membrane Grd Caustic Soda, 50%	Corrosion & Scale Control	100 mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control	100 mg/L

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
High Strength Sodium Hypochlorite Delivered at 15.5[1]	Disinfection & Oxidation	67mg/L
High Strength Sodium Hypochlorite Delivered at 17[1]	Disinfection & Oxidation	62mg/L
HyPure® Bleach MP1 Delivered at 22[1]	Disinfection & Oxidation	48mg/L
HyPure® Bleach MP1 Delivered at 25[1]	Disinfection & Oxidation	42mg/L
HyPure® Bleach MP2 Delivered at 19[1]	Disinfection & Oxidation	55mg/L
HyPure® Bleach MP2 Delivered at 20[1]	Disinfection & Oxidation	53mg/L
HyPure® Sodium Hypochlorite Delivered at 22[1]	Disinfection & Oxidation	48mg/L
HyPure® Sodium Hypochlorite Delivered at 25[1]	Disinfection & Oxidation	42mg/L
Sodium Hypochlorite	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 12.5	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 12.5 Bacticide	Disinfection & Oxidation	84mg/l
Sodium Hypochlorite 12.5 Bacticide HA	Disinfection & Oxidation	84mg/l
Sodium Hypochlorite Delivered at 14	Disinfection & Oxidation	75mg/L

[1] Certified to NSF/ANSI Standard 60 but is a manufacturing use product and cannot be used directly for end use treatment of drinking water. This product can be diluted and used in the manufacture of other products that are certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Distribution Center - Richmond, CA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda Solution, 20% - 27% - All Grades	Corrosion & Scale Control pH Adjustment	185mg/L
Caustic Soda Solution, 50% - All Grades	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide Solution, 20% - 27% - All Grades	Corrosion & Scale Control pH Adjustment	185mg/L
Sodium Hydroxide Solution, 50% - All Grades	Corrosion & Scale Control pH Adjustment	100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Distribution Center - Wilmington, CA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda Solution, 20% - 27% - All Grades	pH Adjustment Corrosion & Scale Control	185mg/L
Caustic Soda Solution, 50% - All Grades	pH Adjustment Corrosion & Scale Control	100mg/L
Sodium Hydroxide Solution, 20% - 27% - All Grades	Corrosion & Scale Control pH Adjustment	185mg/L
Sodium Hydroxide Solution, 50% - All Grades	pH Adjustment Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Santa Fe Springs, CA**Chlorine[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine Gas	Disinfection & Oxidation Algicide	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
--------------------------	-------------------------	----------------

Caustic Soda, Liquid - All Grades	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide	Corrosion & Scale Control pH Adjustment	100mg/L

Sodium Hypochlorite[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bacti-Chlor 11%	Disinfection & Oxidation Algicide	96 mg/L
Bacticide 12.5%	Disinfection & Oxidation Algicide	84 mg/L
L.T. Sanitizer 5.25%	Disinfection & Oxidation Algicide	200 mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation Algicide	84 mg/L
Sodium Hypochlorite 9%	Disinfection & Oxidation Algicide	114mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : South Gate, CA**Potassium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Potassium Hydroxide Solution 45%	Corrosion & Scale Control pH Adjustment	100mg/L
Potassium Hydroxide Solution 50%	Corrosion & Scale Control pH Adjustment	100mg/L

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
High Strength Sodium Hypochlorite Delivered at 15.5[1]	Disinfection & Oxidation	67mg/L
High Strength Sodium Hypochlorite Delivered at 17[1]	Disinfection & Oxidation	62mg/L
HyPure® Bleach MP1 Delivered at 22[1]	Disinfection & Oxidation	48mg/L
HyPure® Bleach MP1 Delivered at 25[1]	Disinfection & Oxidation	42mg/L
HyPure® Bleach MP2 Delivered at 19[1]	Disinfection & Oxidation	55mg/L
HyPure® Bleach MP2 Delivered at 20[1]	Disinfection & Oxidation	53mg/L
Sodium Hypochlorite 12.4 Bacticide Delivered at 14	Disinfection & Oxidation	75mg/L
Sodium Hypochlorite 12.5 Bacticide	Disinfection & Oxidation	84mg/L

[1] Certified to NSF/ANSI Standard 60 but are manufacturing use products and cannot be used directly for end use treatment of drinking water. These products can be diluted and used in the manufacture of other products that are certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Facility : Tracy, CA

Chlorine[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine Gas	Disinfection & Oxidation Algicide	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda Liquid - All Grades	Corrosion & Scale Control pH Adjustment	100mg/L
Sodium Hydroxide	Corrosion & Scale Control pH Adjustment	100mg/L

Sodium Hypochlorite[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bacti-Chlor 11%	Disinfection & Oxidation Algicide	96 mg/L
Bacticide 12.5%	Disinfection & Oxidation Algicide	84 mg/L
L.T. Sanitizer 5.25%	Disinfection & Oxidation Algicide	200 mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation Algicide	84 mg/L
Sodium Hypochlorite 9%	Disinfection & Oxidation Algicide	114mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Augusta, GA**Hydrochloric Acid**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid (20, 22, or 23 deg. Baume)	Corrosion & Scale Control	40 mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 49%-52% Commercial Grade	Corrosion & Scale Control	100 mg/L
Caustic Soda 49%-52% Membrane Grade	Corrosion & Scale Control	100 mg/L
Dilute Caustic	Corrosion & Scale Control	100mg/L
Sodium Hydroxide 30-49%	Corrosion & Scale Control	100mg/L
Sodium Hydroxide 49%-52% Commercial Grade	Corrosion & Scale Control	100 mg/L
Sodium Hydroxide, Membrane Grade	Corrosion & Scale Control	100 mg/L
Weak Caustic	Corrosion & Scale Control	100mg/L

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
High Strength Sodium Hypochlorite Delivered at 15.5[1]	Disinfection & Oxidation	67mg/L
Sodium Hypochlorite 12.5 Bacticide	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 14%	Disinfection & Oxidation	75mg/L
Sodium Hypochlorite Delivered at 14	Disinfection & Oxidation	75mg/L
Sodium Hypochlorite, High Strength[1]	Disinfection & Oxidation	67mg/L

[1] High Strength Sodium Hypochlorite Delivered at 15.5 and Sodium Hypochlorite, High Strength are certified to NSF/ANSI Standard 60 but are manufacturing use products and cannot be used directly for end use treatment of drinking water. These products can be diluted and used in the manufacture of other products that are certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Distribution Center - Augusta, GA**Sodium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 50% (all grades)	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : St. Gabriel, LA**Chlorine[CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine, Liquid - Technical Grade	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda-Liquid, All Grades	Corrosion & Scale Control pH Adjustment	100 mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Distribution Center - Westborough, MA**Sodium Hypochlorite [CL]**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
High Strength Sodium Hypochlorite Delivered at 15.5[1]	Disinfection & Oxidation	67mg/L
High Strength Sodium Hypochlorite Delivered at 17[1]	Disinfection & Oxidation	62mg/L

[1] Certified to NSF/ANSI Standard 60 but is a manufacturing use product and cannot be used directly for end use treatment of drinking water. This product can be diluted and used in the manufacture of other products that are Certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Facility : Distribution Center - Detroit, MI**Potassium Hydroxide**

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Potash 50%	pH Adjustment	100mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 50% (all grades)	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Henderson, NV

Chlorine[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine, Liquid - Technical Grade	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrochloric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid - All Grades	Corrosion & Scale Control pH Adjustment	40 mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda Liquid, All Grades	Corrosion & Scale Control pH Adjustment	100 mg/L

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Bacti-Chlor 11%	Disinfection & Oxidation Algicide	96 mg/L
Bacticide 12.5%	Disinfection & Oxidation Algicide	84 mg/L
High Strength Sodium Hypochlorite[1]	Disinfection & Oxidation Algicide	67mg/L
High Strength Sodium Hypochlorite Delivered at 17[1]	Disinfection & Oxidation Algicide	62mg/L
HyPure® Sodium Hypochlorite[1]	Disinfection & Oxidation Algicide	62mg/L
L.T. Sanitizer 5.25%	Disinfection & Oxidation Algicide	200 mg/L
Sodium Hypochlorite 12.5 Bacticide	Disinfection & Oxidation Algicide	84mg/L
Sodium Hypochlorite 12.5%	Disinfection & Oxidation Algicide	84 mg/L
Sodium Hypochlorite 9%	Disinfection & Oxidation Algicide	114mg/L

[1] Certified to NSF/ANSI Standard 60 but is a manufacturing use product and cannot be used directly for end use treatment of drinking water. This product can be diluted and used in the manufacture of other products that are certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine

dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Niagara Falls, NY

Chlorine[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Liquid Chlorine	Disinfection & Oxidation	30mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrochloric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid (20, 22 or 23 deg. Baume)	Corrosion & Scale Control	40mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Liquid Caustic Soda	Corrosion & Scale Control	100mg/L
Membrane Grade Caustic Soda	Corrosion & Scale Control	100mg/L
Sodium Hydroxide	Corrosion & Scale Control	100mg/L
Sodium Hydroxide 50%	Corrosion & Scale Control	100mg/L

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
High Strength Sodium Hypochlorite[1]	Disinfection & Oxidation	67mg/L
High Strength Sodium Hypochlorite Delivered at 17[1]	Disinfection & Oxidation	62mg/L
HyPure® Bleach MP1 delivered at 22[1]	Disinfection & Oxidation	48mg/L
HyPure® Bleach MP1 delivered at 25[1]	Disinfection & Oxidation	42mg/L
HyPure® Bleach MP2 delivered at 19[1]	Disinfection & Oxidation	55mg/L
HyPure® Bleach MP2 delivered at 20[1]	Disinfection & Oxidation	53mg/L
HyPure® Sodium Hypochlorite[1]	Disinfection & Oxidation	67mg/L
HyPure® Sodium Hypochlorite MP2 delivered at 19[1]	Disinfection & Oxidation	55mg/L
HyPure® Sodium Hypochlorite MP2 delivered at 20[1]	Disinfection & Oxidation	53mg/L
HyPure® Sodium Hypochlorite delivered at 22[1]	Disinfection & Oxidation	48mg/L
HyPure® Sodium Hypochlorite delivered at 25[1]	Disinfection & Oxidation	42mg/L
Sodium Hypochlorite	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 12.5	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite 12.5 Bacticide	Disinfection & Oxidation	84mg/L
Sodium Hypochlorite Delivered at 14	Disinfection & Oxidation	75mg/L

[1] Certified to NSF/ANSI Standard 60 but is a manufacturing use product and cannot be used directly for end use treatment of drinking water. This product can be diluted and used

in the manufacture of other products that are Certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Charleston, TN

Chlorine[CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Chlorine	Disinfection & Oxidation	30 mg/L

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Hydrochloric Acid

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Hydrochloric Acid (20, 22, or 23 deg. Baume)	Corrosion & Scale Control	40 mg/L

Potassium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
46% Potassium Hydroxide Solution	pH Adjustment	100mg/L
50% Potassium Hydroxide Solution	pH Adjustment	100mg/L
Caustic Potash	pH Adjustment	100mg/L
Potassium Hydroxide	pH Adjustment	100mg/L
Potassium Hydroxide 45% Solution	pH Adjustment	100mg/L
Potassium Hydroxide 50% Solution	pH Adjustment	100mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
49%-52% Caustic Soda Commercial Grade	Corrosion & Scale Control	100 mg/L
49%-52% Caustic Soda Membrane Grade	Corrosion & Scale Control	100mg/L
49%-52% Caustic Soda Rayon Grade	Corrosion & Scale Control	100 mg/L
49%-52% Commercial Grade	Corrosion & Scale Control	100 mg/L
49%-52% Rayon Grade	Corrosion & Scale Control	100 mg/L

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Sodium Hypochlorite	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 10%	Disinfection & Oxidation	105mg/L
Sodium Hypochlorite 11%	Disinfection & Oxidation	95mg/L
Sodium Hypochlorite 12.5	Disinfection & Oxidation	84 mg/L
Sodium Hypochlorite 14%	Disinfection & Oxidation	75mg/L
Sodium Hypochlorite 9%	Disinfection & Oxidation	117mg/L
Sodium Hypochlorite High Strength[1]	Disinfection & Oxidation	67mg/L

[1] Certified to NSF/ANSI Standard 60 but is a manufacturing use product and cannot be used directly for end use treatment of drinking water. This product can be diluted and used in the manufacture of other products that are certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Distribution Center - Chattanooga, TN

Potassium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Potash 50%	pH Adjustment	100mg/L

Sodium Hydroxide

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
Caustic Soda 50% (all grades)	Corrosion & Scale Control	100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Distribution Center - Baytown, TX

Sodium Hypochlorite [CL]

<i>Trade Designation</i>	<i>Product Function</i>	<i>Max Use</i>
High Strength Sodium Hypochlorite Delivered at 15.5[1]	Disinfection & Oxidation	67mg/L
High Strength Sodium Hypochlorite Delivered at 17[1]	Disinfection & Oxidation	62mg/L
HyPure® Bleach MP1 Delivered at 22[1]	Disinfection & Oxidation	48mg/L
HyPure® Bleach MP1 Delivered at 25[1]	Disinfection & Oxidation	42mg/L
HyPure® Bleach MP2 Delivered at 19[1]	Disinfection & Oxidation	55mg/L
HyPure® Bleach MP2 Delivered at 20[1]	Disinfection & Oxidation	53mg/L

[1] Certified to NSF/ANSI Standard 60 but is a manufacturing use product and cannot be used directly for end use treatment of drinking water. This product can be diluted and used in the manufacture of other products that are Certified to NSF/ANSI Standard 60.

[CL] The residual levels of chlorine (hypochlorite ion and hypochlorous acid), chlorine dioxide, chlorate ion, chloramine and disinfection by-products shall be monitored in the finished drinking water to ensure compliance to all applicable regulations.

Facility : Distribution Center - Hopewell, VA

Sodium Hydroxide

Trade Designation

Caustic Soda 50% (all grades)

Product Function

Corrosion & Scale Control

Max Use

100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Distribution Center - Pictou County, Nova Scotia, Canada

Sodium Hydroxide

Trade Designation

Caustic Soda Solution, 50% - All Grades

Product Function

Corrosion & Scale Control
pH Adjustment

Max Use

100mg/L

Sodium Hydroxide Solution, 50% - All Grades

Corrosion & Scale Control
pH Adjustment

100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Facility : Terminal - Concord, Ontario, Canada

Hydrochloric Acid

Trade Designation

Hydrochloric Acid

Product Function

Corrosion & Scale Control

Max Use

40mg/L

Sodium Hydroxide

Trade Designation

Caustic Soda Solution, 50% - All Grades

Product Function

Corrosion & Scale Control
pH Adjustment

Max Use

100mg/L

Sodium Hydroxide Solution, 50% - All Grades

Corrosion & Scale Control
pH Adjustment

100mg/L

NOTE: Only products bearing the NSF Mark are Certified.

Number of matching Manufacturers is 1

Number of matching Products is 173

Processing time was 0 seconds



Send To: 35770

Ms. Vickie Ray
Olin Chlor Alkali Products
P.O. Box 248
Charleston, TN 37310

Facility: 35777

Olin Chlor Alkali Products
26700 South Banta Road
Tracy CA 95376
United States

Result	PASS	Report Date	16-SEP-2013
Customer Name	Olin Chlor Alkali Products		
Tested To	NSF/ANSI 60		
Description	Sodium Hypochlorite 12.5% Sodium Hypochlorite 12.5%		
Trade Designation	Sodium Hypochlorite 12.5%		
Test Type	Annual Collection		
Job Number	A-00126359		
Project Number	9142338 (CLA, TEA)		
Project Manager	Matthew Marble		

This report documents the testing of the referenced product to the requirements of NSF/ANSI Standard 60 (Drinking Water Treatment Chemicals - Health Effects). This standard establishes minimum requirements for chemicals, the chemical contaminants, and impurities that are added to drinking water from drinking water treatment chemicals. Contaminants produced as by-products through reaction of the treatment chemical with a constituent of the drinking water are not covered by this Standard. Reference the "About the Standard" section at the end of this report for additional information about NSF/ANSI Standard 60 and the products covered under this Standard.

Thank you for having your product tested by NSF International.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization 
Amanda Phelka - Director, Toxicology Services

Date 16-SEP-2013

**General Information**

Standard: NSF/ANSI 60
 DCC Number: DA05772
 Date of Manufacture: 7-24-2013
 Lot Number/Product Identifier: Storage T#2
 Maximum Use Level: 84 mg/L
 Monitor Code: A
 Physical Description of Sample: Sodium Hypochlorite 12.5%
 Trade Designation/Model Number: Sodium Hypochlorite 12.5%

Sample Id: **S-0000983193**
 Description: Sodium Hypochlorite 12.5%
 Sampled Date: 29-Aug-2013
 Received Date: 01-Aug-2013

Tox Normalization Information:		Lab Normalization Information:	
Calculated NF	0.0955	Date exposure completed	29-AUG-2013
Preparation method used	B	Final volume of solution	0.5 L
MUL	84 mg/L	Mass of material used	440 mg
Compound Reference Key:	SPAC		

Normalization Calculation:

$$\text{Normalized Result} = \text{Test Result (ug/L)} * \text{NF} \quad \text{Where NF} = \text{MUL (mg/L)} * \frac{\text{Final Volume Of Solution (L)}}{\text{Mass of Material Used (mg)}}$$

- MUL = Maximum Use Level;
- Mass of Material Used = The mass of sample analyzed in the laboratory;
- Final Volume of Solution = The volume of water used to dilute the sample;
- An additional factor may be used to adjust the analytical result to field use conditions to account for product carryover, flushing, or other assumptions stipulated with the use of the product. If an additional factor is used, it is included in the information above.

Testing Parameter	Units	Sample	Control	Result	Norm. Result	Acceptance Criteria(1)	Evaluation Status
Chemistry Lab							
Arsenic	ug/L	ND(1)	ND(1)	ND(1)	ND(0.1)	1	Pass
Barium	ug/L	ND(1)	ND(1)	ND(1)	ND(0.1)	200	Pass
Beryllium	ug/L	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.05)	0.4	Pass
Cadmium	ug/L	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.02)	0.5	Pass
Chromium	ug/L	ND(1)	ND(1)	ND(1)	ND(0.1)	10	Pass
Copper	ug/L	ND(1)	5	ND(1)	ND(0.1)	130	Pass
Mercury	ug/L	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.02)	0.2	Pass
Lead	ug/L	ND(1)	ND(1)	ND(1)	ND(0.1)	1.5	Pass
Antimony	ug/L	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.05)	0.6	Pass
Selenium	ug/L	ND(2)	ND(2)	ND(2)	ND(0.2)	5	Pass
Thallium	ug/L	0.2	ND(0.2)	0.2	0.02	0.2	Pass
Volatile Organic Compounds (Ref: EPA 524.2)							
Dichlorodifluoromethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
Chloromethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	3	Pass
Vinyl Chloride	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.2	Pass
Bromomethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	1	Pass
Chloroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.04	Pass



Sample Id: S-0000983193

Testing Parameter	Units	Sample	Control	Result	Norm Result	Acceptance Criteria(1)	Evaluation Status
Chemistry Lab (Continued)							
Trichlorofluoromethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	50	Pass
Trichlorotrifluoroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
Methylene Chloride	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.5	Pass
1,1-Dichloroethylene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.7	Pass
trans-1,2-Dichloroethylene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	10	Pass
1,1-Dichloroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
2,2-Dichloropropane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
cis-1,2-Dichloroethylene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	7	Pass
Chloroform	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	[TTHM]	
Bromochloromethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
1,1,1-Trichloroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	20	Pass
1,1-Dichloropropene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
Carbon Tetrachloride	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.5	Pass
1,2-Dichloroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.5	Pass
Trichloroethylene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.5	Pass
1,2-Dichloropropane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.5	Pass
Bromodichloromethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	[TTHM]	
Dibromomethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
cis-1,3-Dichloropropene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.2	Pass
trans-1,3-Dichloropropene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.2	Pass
1,1,2-Trichloroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
1,3-Dichloropropane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
Tetrachloroethylene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.5	Pass
Chlorodibromomethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	[TTHM]	
Chlorobenzene	ug/L	2	4.0	ND(1)	ND(0.1)	10	Pass
1,1,1,2-Tetrachloroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	1	Pass
Bromoform	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	[TTHM]	
1,1,2,2-Tetrachloroethane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.2	Pass
1,2,3-Trichloropropane	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	5	Pass
1,3-Dichlorobenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	60	Pass
1,4-Dichlorobenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	7.5	Pass
1,2-Dichlorobenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	60	Pass
Carbon Disulfide	ug/L	ND(2)	ND(1)	ND(2)	ND(0.2)	70	Pass
Methyl-tert-Butyl Ether (MTBE)	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	10	Pass
tert-Butyl ethyl ether	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	2000	Pass
Methyl Ethyl Ketone	ug/L	ND(10)	ND(5)	ND(10)	ND(1)	400	Pass
Methyl Isobutyl Ketone	ug/L	ND(10)	ND(5)	ND(10)	ND(1)	700	Pass
Toluene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	100	Pass



Sample Id: S-0000983193

Testing Parameter	Units	Sample	Control	Result	Norm. Result	Acceptance Criteria(1)	Evaluation Status
Chemistry Lab (Continued)							
Ethyl Benzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	70	Pass
m+p-Xylenes	ug/L	ND(2)	ND(1)	ND(2)	ND(0.2)	[Xylenes]	
o-Xylene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	[Xylenes]	
Styrene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	10	Pass
Isopropylbenzene (Cumene)	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	400	Pass
n-Propylbenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
Bromobenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
2-Chlorotoluene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
4-Chlorotoluene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
1,3,5-Trimethylbenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
tert-Butylbenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	10	Pass
1,2,4-Trimethylbenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
sec-Butylbenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
p-Isopropyltoluene (Cymene)	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
1,2,3-Trimethylbenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
n-Butylbenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.3	Pass
1,2,4-Trichlorobenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
Hexachlorobutadiene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.1	Pass
1,2,3-Trichlorobenzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)		
Naphthalene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	10	Pass
Benzene	ug/L	ND(1)	ND(0.5)	ND(1)	ND(0.1)	0.5	Pass
Total Trihalomethanes	ug/L	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.05)	8	Pass
Total Xylenes	ug/L	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.05)	1000	Pass
1 - If the acceptance criteria is blank and the evaluation status is "Fail", then the criteria used will be noted on the letter accompanying these results.							
[TTHM] - Acceptance based on Total Trihalomethanes							
[Xylenes] - Acceptance based on Total Xylenes							

Sample Id: S-0000983194

Description: Sodium Hypochlorite 12.5%

Sampled Date: 01-Aug-2013

Received Date: 01-Aug-2013

Quenched Date: 24-JUL-2013 06:30

Tox Normalization Information:		Lab Normalization Information:	
Calculated NF	0.000000078	Date exposure completed	01-AUG-2013
MUL	84 mg/L		
Density Value Applied	1.2 g/mL		
Compound Reference Key:	SPAC		



Sample Id: S-0000983194

Normalization Calculation:

Normalized Result = Test Result * NF * (10³ ug/L mg)

Where NF = MUL (mg/L) * Malonic Acid Dilution Correction (ml/ml) * (1/Product Density (g/ml)) * $\frac{1 \text{ L}}{10^3 \text{ ml}}$ * $\frac{1 \text{ g}}{10^3 \text{ mg}}$

- Malonic Acid Dilution Correction = ((Volume of Hypochlorite Sampled + Malonic Acid) / Volume of Hypochlorite Sampled)
- Volume of Hypochlorite Sampled = (Volume of Hypochlorite Sample Received(ml) - (Malonic Acid (g) * (1 / Density of Malonic Acid (g/ml))))
- Volume of Hypochlorite Sample Received = Volume of Hypochlorite Sampled + Malonic Acid
- Unit conversion: 1 L = 10³ ml, 1 g = 10³ mg;

Testing Parameter	Units	Sample	Result	Norm. Units	Norm. Result	Acceptance Criteria(1)	Evaluation Status
Chemistry Lab							
Oxyhalides in Bleach by LCMS							
Perchlorate	mg/L	ND(1)	ND(1)	ug/L	ND(0.08) ug/L	5	Pass
Chlorate	mg/L	1600	1600	ug/L	130 ug/L	200	
Bromate	mg/L	2	2	ug/L	0.2 ug/L	3	
1 - If the acceptance criteria is blank and the evaluation status is "Fail", then the criteria used will be noted on the letter accompanying these results.							



Common Terms and Acronyms Used:

- Sample..... Test result on the submitted product sample after prepared or exposed in accordance with the standard.
- Control..... Test result on a laboratory blank sample analyzed in parallel with the sample.
- Result..... Sample test result minus the Control test result.
- Normalized Result... Result normalized in accordance with the test standard to reflect potential at-the-tap concentrations
- ND()..... Result is below the detection level of the analytical procedure as identified in the parenthesis.
- DCC Number..... NSF document control code of the registered formulation of the product tested
- ug/L..... Microgram per liter = 0.001 milligram per liter (mg/L)
- SPAC..... Acceptance criteria of the standard (Single Product Allowable Concentration)

References to Testing Procedures:

NSF Reference	Parameter / Test Description
C0931	Oxyhalides in Bleach by LCMS
C3035	Total Arsenic in Drinking Water by ICPMS (Ref: EPA 200.8)
C3038	Barium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3041	Beryllium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3046	Cadmium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3052	Chromium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3058	Copper in Drinking Water by ICPMS (Ref: EPA 200.8)
C3071	Mercury in Drinking Water by ICPMS (Ref: EPA 200.8)
C3100	Lead in Drinking Water by ICPMS (Ref: EPA 200.8)
C3113	Antimony in Drinking Water by ICPMS (Ref: EPA 200.8)
C3115	Selenium in Drinking Water by ICPMS (Ref: EPA 200.8)
C3127	Thallium in Drinking Water by ICPMS (Ref: EPA 200.8)
C4662	Volatile Organic Compounds (Ref: EPA 524.2)

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.

Testing Laboratories:

	Id	Address
All work performed at: →	NSF_AA	NSF International 789 N. Dixboro Road Ann Arbor MI 48105



About the Standard:

NSF/ANSI Standard 60: Drinking Water Treatment Chemicals - Health Effects

NSF/ANSI 60 establishes minimum health effects requirements for the chemicals, the chemical contaminants, and the impurities that are directly added to drinking water from drinking water treatment chemicals. It does not establish performance or taste and odor requirements. The standard contains requirements for chemicals that are directly added to water and are intended to be present in the finished water as well as other chemical products that are added to water but are not intended to be present in the finished water. Chemicals covered by this Standard include, but are not limited to, coagulation and flocculation chemicals, softening, precipitation, sequestering, pH adjustment, and corrosion/scale control chemicals, disinfection and oxidation chemicals, miscellaneous treatment chemicals, and miscellaneous water supply chemicals.

The testing performed to this standard is done to estimate the level of contaminants or impurities added to drinking water when the chemical is used at the "Maximum Use Level" under attestation. Prior to testing, information is obtained on the formulation and sources of supply used to manufacture the chemical. This information is then reviewed along with the minimum requirements of the standard to establish the potential contaminants of concern. A representative sample of chemical is obtained for testing. The chemical sample is prepared for analysis through specific methods established in the standard based on the type of chemical and then is analyzed for potential contaminants determined during the formulation review. The laboratory results are normalized to represent potential at-the-tap values and then compared to the "single product allowable concentration" (SPAC) established by the standard. The product is found in compliance with the standard if the normalized value is less than or equal to the allowable concentration.



City of Sacramento

Department of Utilities

INVITATION FOR BID

B1414111009

LIQUID SODIUM HYPOCHLORITE IN BULK

ADDENDUM #1

The following items shall become part of the Bid Documents:

Issued: March 27, 2014

Revisions: Invitation for Bid title page correctly reflects the bid submission date of Wednesday April 2, 2014. On page 5, B. Bid Instructions and Requirements section 2.b. incorrectly states the submission date as Wednesday March 12, 2014. Addendum #1 corrects the submission date listed on page 5 of the Invitation to Bid and is attached herein.

For Information Contact:
Deanne Neighbours, Administrative Technician
(916) 808-3536 (voice) (916) 808-7955 (fax)
E-Mail: dneighbours@cityofsacramento.org

SECTION I – REQUIREMENTS

B. BID INSTRUCTIONS AND REQUIREMENTS

No Bid Is In Legal Form Unless the Following Instructions Are Fully Complied With

1. **Additional Copies.** VENDORS ARE REQUIRED TO SUBMIT AN ORIGINAL BID, INCLUDING ALL REQUIRED ATTACHMENTS SUCH AS BROCHURES AND CATALOGS, TO THE CITY CLERK ON THE DATE AND AT THE TIME AND LOCATION SPECIFIED ON THE COVER SHEET. FAILURE TO DO SO MAY CAUSE YOUR BID TO BE REJECTED.
2. **Bid Forms.** Bid must be submitted on these printed forms and sealed in an appropriate envelope or package. Bid submission envelopes/packages shall exhibit the City's bid name and number, and include the vendor's name and address printed on the outside of the envelope/package
 - a) To obtain an electronic version of this bid go to Procurement's website at <http://www.planetbids.com/portal/portal.cfm?CompanyID=15300>
 - b) Bidders are invited to be present at the opening of bids. Bids will be opened, in public, in the Historic City Hall, Historic Chambers, 915 "I" Street, 2nd Floor, Sacramento, CA at or after 2:00 P.M. on Wednesday, April 2, 2014. After opening, Bids may be inspected in the City Clerk's Office.

(Note: Bids must be submitted up to 2:00 P.M. on the above date)

- c) All bids shall be clearly and distinctly written without erasure or modification, and properly signed by an authorized party, who shall indicate the capacity in which the signature is executed.
3. **Alternate Bids.** Alternate bids are invalid unless invited and covered by the specifications. **Please note all submissions are subject to rejection when unsolicited alternate bids are submitted.**
4. **Bid Security.** Bid Security is: Required Not Required

If required, bid security approved by the City must accompany the bid, in the amount of ___ % of the total amount of the bid. Bid security can be in the form of a cashier's check, certified check, or a bid bond from a surety company authorized to do business in the State of California. Bid securities will be returned to all except the three lowest Bidders within ten days after the opening of bids. The bid security of the two unsuccessful Contractors will be returned after the successful Contractor has executed the contract. Bid security of the successful Contractor will be returned when the contract is signed and all other contract award requirements have been met.

5. **Interest in More Than One Bid.** No bidder shall be interested in more than one bid (submit more than one bid for this solicitation) as provided by City Code Section 3.56.130(D).
6. **Rejection of Bids.** The right to reject any and all bids is reserved by the City, in its absolute discretion.
7. **Right to Waive.** The City reserves the right to waive any informalities or minor irregularities, as determined in its sole discretion, in connection with bids received.
- 7A. **City's Options.** City reserves the following options:
 1. The right to award in whole or in part.
 2. The right to reject all partial bids.
 3. The right to reject any or all bids or make no award.
 4. The right to issue subsequent Invitation For Bids (IFB).
 5. The right to approve or disapprove the use of particular subcontractors and/or suppliers.
 6. The right to waive any informality or irregularity in the bidding process and any bids.
 7. The right to accept a bidder's signed offer and issue a purchase order directly to the bidder based on the IFB.



City of Sacramento

Department of Utilities

INVITATION FOR BID

B1414111009

LIQUID SODIUM HYPOCHLORITE IN BULK

ADDENDUM #2

The following items shall become part of the Bid Documents:

Issued: March 28, 2014

Revisions: Invitation for Bid has been revised as follows. The Local Business Enterprise (LBE) Participation Requirements on pages 15 -18 have been revised to waive and remove the minimum 5% LBE participation level on the contract, which required that bidders have a minimum 5% local participation level to be considered responsive. Second paragraph of Item I. LBE PARTICIPATION REQUIREMENT and Item II. DETERMINATION OF LBE PARTICIPATION LEVEL have been removed.

Bid Due Date: Submittal date of April 2, 2012 by 2:00 P.M. has been extended to **April 16, 2012** by no later than 2:00 P.M. to Office of City Clerk, 915 I Street, New City Hall, 4th Floor Public Counter, Sacramento, CA 95814.

For Information Contact:
Deanne Neighbours, Administrative Technician
(916) 808-3536 (voice) (916) 808-7955 (fax)
E-Mail: dneighbours@cityofsacramento.org

City Information		Vendor # 1 - Name	Vendor # 2 - Name	Vendor # 3 - Name	Vendor # 4 - Name	Vendor # 5 - Name
Date	4/9/2014	Olin Corporation	Sierra Chemical	Thatcher	Univar USA	
Bid #	B14141111010	Quote Number	Quote Number	Quote Number	Quote Number	Quote Number
Org. Name	Water Operations					
Req. No.		Phone	Phone	Phone	Phone	Phone
Org. No.	14001111	(209) 835-7204	(775) 358-0888	(916) 759-3385	(253) 872-5000	
Contact:	Mike Ragan	Contact Person	Contact Person	Contact Person	Contact Person	Contact Person
Phone #	808-5822	John Schabacker	Ron Espalin	Dennis Moore	Shawnasey McCarthy	
Awarded to	Olin Corporation					

PRICING SECTION

QTY	Description (All Items/Services/Fees/ Etc.)	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE						
300,000	Liquid Sodium Hypochlorite (Unit price - gallons delivered)	\$ 0.505	\$ 151,500.00	\$ 0.599	\$ 179,700.00	\$ 0.759	\$ 227,700.00	\$ 1.0156	\$ 304,680.00		#VALUE!
			\$ -		\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -
			\$ -		\$ -		\$ -		\$ -		\$ -

BID EVALUATION SECTION

Line 1	Materials/Services/Non-Taxable Items Total (from above Line Items)	\$	151,500.00	\$	179,700.00	\$	227,700.00	\$	304,680.00		#VALUE!
Line 2	Freight, Labor, Warranty, Fees, Etc (Non-taxable Portion of Line 1)										
Line 3	* Enter Prompt Pay Disc % (Line 1 x Disc %)		\$0.00		\$0.00		\$0.00		\$0.00		#VALUE!
Line 4	** LBE Preference Deduct (Line 1 x 5%)	N/A	0	N/A	0	N/A	0	N/A	0		0
Line 5	*** City Sales Tax Deduction (Line 1 x 1%)	NO	0	NO	0	YES	(\$2,277.00)	NO	0		0
Line 6	Sales Tax (Line 1 - Line 2) x 8.50%	\$	12,877.50	\$	15,274.50	\$	19,354.50	\$	25,897.80		#VALUE!
Line 7	BID EVALUATION TOTAL (Total of lines 1,3,4,5,6,)	\$	164,377.50	\$	194,974.50	\$	244,777.50	\$	330,577.80		#VALUE!
Line 8	ACTUAL BID TOTAL (Add lines 1, 6)	\$	164,377.50	\$	194,974.50	\$	247,054.50	\$	330,577.80		#VALUE!

BIDDER INFORMATION SECTION

Notes/Comments	Payment Terms *:				
The 5% LBE Participation requirement was waived prior to bid. The 5% LBE preference does not apply as supply contract exceeds \$100,000.	Net 30	Net 30	Net 30	Net 30	
	F.O.B. Point:				
	Delivery Date:				
	3 Days ARO	3 Days ARO	3 Days ARO	3 Days ARO	

* Include prompt-payment discount (on Line 3) ONLY IF PAYMENT TERMS ARE TWENTY (20) DAYS OR MORE (e.g., 2% - 20 days).

** Include a 5% preference (on Line 4) ONLY IF BUSINESS MEETS LOCAL ENTERPRISE (LBE) PREFERENCE LOCATION STANDARD

*** Include the one-percent (1%) City Sales Tax Preference (on Line 5) ONLY IF THE BUSINESS IS LOCATED WITHIN SACRAMENTO CITY LIMITS.

SBE has been removed. LBE raised to 5%. (11-20-2013)