

ORIGINAL

CONTRACT RESULTING FROM INVITATION TO BID NUMBER 10090062-24-M, Ferric Chloride for the Public Utilities Department

This Contract (Contract) is entered into by and between the City of San Diego, a municipal corporation (City), and the successful bidder to Invitation to Bid (ITB) # 10090062-24-M, Ferric Chloride for the Public Utilities Department (Contractor).

RECITALS

On or about 12/12/2023, City issued an ITB to prospective bidders on goods and services to be provided to the City. The ITB and any addenda and exhibits thereto are collectively referred to as the "ITB." The ITB is attached hereto as Exhibit A.

City has determined that Contractor has the expertise, experience, and personnel necessary to provide the goods and services.

City wishes to retain Contractor to provide ferric chloride as further described in the Scope of Work, attached hereto as Exhibit B. (Goods and Services).

For good and valuable consideration, the sufficiency of which is acknowledged, City and Contractor agree as follows:

**ARTICLE I
CONTRACTOR SERVICES**

1.1 Scope of Work. Contractor shall provide the (Goods and Services to City as described in Exhibit B which is incorporated herein by reference. Contractor will submit all required forms and information described in Exhibit A to the Purchasing Agent before providing (Goods and Services.

1.2 General Contract Terms and Provisions. This Contract incorporates by reference the General Contract Terms and Provisions, attached hereto as Exhibit C.

**ARTICLE II
DURATION OF CONTRACT**

2.1 Term. This Contract shall be for a period of one (1) year beginning on the Effective Date. City may, in its sole discretion, extend this Contract for four (4) additional one (1) year period(s). Unless otherwise terminated, this Contract shall be effective until completion of the Scope of Services. The term of this Contract shall not exceed five years unless approved by the City Council by ordinance.

2.2 Effective Date. This Contract shall be effective on the date it is executed by the last Party to sign the Contract, and approved by the City Attorney in accordance with San Diego Charter Section 40.

ARTICLE III COMPENSATION

3.1 Amount of Compensation. City shall pay Contractor for performance of all Services rendered in accordance with this Contract in an amount not to exceed \$40,350,000.

ARTICLE IV WAGE REQUIREMENTS

4.1 Reserved.

ARTICLE V CONTRACT DOCUMENTS

5.1 Contract Documents. The following documents comprise the Contract between the City and Contractor: this Contract and all exhibits thereto; the Notice to Proceed; and the City's written acceptance of exceptions or clarifications to the ITB, if any.

5.2 Contract Interpretation. The Contract Documents completely describe the (Goods and Services to be provided. Contractor will provide any (Goods and Services that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result whether or not specifically called for or identified in the Contract Documents. Words or phrases which have a well-known technical or construction industry or trade meaning and are used to describe (Goods and Services will be interpreted in accordance with that meaning unless a definition has been provided in the Contract Documents.

5.3 Precedence. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the Parties will use the order of precedence as set forth below. The document highest in the order of precedence controls. Inconsistent provisions in the Contract Documents that address the same subject, are consistent, and have different degrees of specificity, are not in conflict and the more specific language will control. The order of precedence from highest to lowest is as follows:

- 1st The Contract
- 2nd The ITB and the City's written acceptance of any exceptions or clarifications to the ITB, if any
- 3rd Contractor's Pricing

5.4 Counterparts. This Contract may be executed in counterparts which, when taken together, shall constitute a single signed original as though all Parties had executed the same page.

5.5 Public Agencies. Other public agencies, as defined by California Government Code section 6500, may choose to use the terms of this Contract, subject to Contractor's acceptance. The City is not liable or responsible for any obligations related to a subsequent Contract between Contractor and another public agency.

IN WITNESS WHEREOF, this Contract is executed by City and Contractor acting by and through their authorized officers.

CONTRACTOR

Kemira Water Solutions, Inc.

Bidder

4321 W 6th Street

Street Address

Lawrence, KS 66049

City

(785) 842-7424

Telephone No.

kwsna.bids@kemira.com

E-Mail

BY:

Christina M Imbrogno

Christina M Imbrogno (Mar 8, 2024 08:59 CST)

Signature of Bidder's Authorized Representative

Christina M Imbrogno

Print Name

Commercial Support Manager

Title

Mar 8, 2024

Date

CITY OF SAN DIEGO
A Municipal Corporation

BY:

Alia Khouri
Deputy Chief Operating Officer
General Services Branch

Print Name:

Director Purchasing & Contracting Department

6/7/24
Date Signed

Approved as to form this 7 day of

June, 2024.
MARA W. ELLIOTT, City Attorney

BY:

Deputy City Attorney

EXHIBIT A
INSTRUCTIONS AND BID REQUIREMENTS

A. BID SUBMISSION

1. Timely Bid Submittal. Bids must be submitted as described herein to the Purchasing & Contracting Department (P&C).

1.1 Reserved.

1.2 Paper Bids. The City will accept paper bids in lieu of eBids. Paper bids must be submitted in a sealed envelope to the Purchasing & Contracting Department (P&C) located at 1200 Third Avenue, Suite 200, San Diego, CA 92101. The Solicitation Number and Closing Date must be referenced in the lower left-hand corner of the outside of the envelope. Faxed bids will not be accepted.

1.3 Bid Due Date. Bids must be submitted prior to the Closing Date indicated in the eBidding System. E-mailed and/or faxed bids will not be accepted.

1.4 Pre-Bid Conference. No pre-bid conference will be held for ITB.

1.4.1 Reserved.

1.5 Questions and Comments. Written questions and comments must be submitted electronically via the eBidding System no later than the date specified on the eBidding System. Only written communications relative to the procurement shall be considered. The City's eBidding System is the only acceptable method for submission of questions. All questions will be answered in writing. The City will distribute questions and answers without identification of the inquirer(s) to all bidders who are on record as having received this ITB via its eBidding System. No oral communications can be relied upon for this ITB. Addenda will be issued addressing questions or comments that are determined by the City to cause a change to any part of this ITB.

1.6 Contact with City Staff. Unless otherwise authorized herein, bidders who are considering submitting a bid in response to this ITB, or who submit a bid in response to this ITB, are prohibited from communicating with City staff about this ITB from the date this ITB is issued until a contract is awarded.

2. Submission of Information and Forms.

2.1 Completed and signed Contract Signature Page. If any addenda are issued, the latest Addendum Contract Signature Page is required.

2.2 Exceptions requested by bidder, if any. The bidder must present written factual or legal justification for any exception requested to the Scope of Work, Contract, or the Exhibits. Any exceptions to the Contract that have not been accepted by the City in writing are deemed rejected. The City, in its sole discretion, may accept some or all of bidder's exceptions, reject bidder's exceptions and deem the bid non-responsive, or award the Contract without bidder's proposed exceptions.

2.3 The Contractor Standards Pledge of Compliance Form.

2.4 Equal Opportunity Contracting forms including the Work Force Report and Contractors Certification of Pending Actions.

2.5 Reserved

2.6 Reserved.

2.7 Reserved.

2.8 Additional Information as required in Exhibit B.

2.9 Reserved

2.10 Reserved

2.11 One copy of the safety data sheet (SDS) for each product bid. Only those products whose label and MSDS clearly state the contents, hazard potential, and protective measures required shall be considered for purchase.

3. Bid Review. Bidders are responsible for carefully examining the ITB, the Scope of Work, this Contract, and all documents incorporated into the Contract by reference before submitting a bid. If selected for award of contract, bidder shall be bound by same unless the City has accepted bidder's exceptions, if any, in writing.

4. Addenda. The City may issue addenda to this ITB as necessary. All addenda are incorporated into the Contract. The bidder is responsible for determining whether addenda were issued prior to a bid submission. Failure to respond to or properly address addenda may result in rejection of a bid.

5. **Quantities.** The estimated quantities provided by the City are not guaranteed. These quantities are listed for informational purposes only. Quantities vary depending on the demands of the City. Any variations from the estimated quantities shall not entitle the bidder to an adjustment in the unit price or any additional compensation.

6. **Quality.** Unless otherwise required, all goods furnished shall be new and the best of their kind.

6.1 **Items Offered.** Bidder shall state the applicable trade name, brand, catalog, manufacturer, and/or product number of the required good, if any, in the bid.

6.2 **Brand Names.** Any reference to a specific brand name in a solicitation is illustrative only and describes a component best meeting the specific operational, design, performance, maintenance, quality, or reliability standards and requirements of the City. Bidder may offer an equivalent or equal in response to a brand name referenced (Proposed Equivalent). The City may consider the Proposed Equivalent after it is subjected to testing and evaluation which must be completed prior to the award of contract. If the bidder offers an item of a manufacturer or vendor other than that specified, the bidder must identify the maker, brand, quality, manufacturer number, product number, catalog number, or other trade designation. The City has complete discretion in determining if a Proposed Equivalent will satisfy its requirements. It is the bidder's responsibility to provide, at their expense, any product information, test data, or other information or documents the City requests to properly evaluate or demonstrate the acceptability of the Proposed Equivalent, including independent testing, evaluation at qualified test facilities, or destructive testing.

7. **Modifications, Withdrawals, or Mistakes.** Bidder is responsible for verifying all prices and extensions before submitting a bid.

7.1 **Modification or Withdrawal of Bid Before Bid Opening.** Prior to the Closing Date, the bidder or bidder's authorized representative may modify or withdraw the bid by providing written notice of the bid modification or withdrawal to the City Contact via the eBidding System. E-mail or telephonic withdrawals or modifications are not permissible.

7.2 **Bid Modification or Withdrawal of Bid After Bid Opening.** Any bidder who seeks to modify or withdraw a bid because of the bidder's inadvertent computational error affecting the bid price shall notify the City Contact identified on the eBidding System no later than three working days following the Closing Date. The bidder shall provide worksheets and such other information as may be required by the City to substantiate the claim of inadvertent error. Failure to do so may bar relief and allow the City recourse from the bid surety. The burden is upon the bidder to prove the inadvertent error. If, as a result of a bid modification, the bidder is no longer the apparent successful bidder, the City will award to the newly established apparent successful bidder. The City's decision is final.

8. **Incurred Expenses.** The City is not responsible for any expenses incurred by bidders in participating in this solicitation process.

9. **Public Records.** By submitting a bid, the bidder acknowledges that any information submitted in response to this ITB is a public record subject to disclosure unless the City determines that a specific exemption in the California Public Records Act (CPRA) applies. If the bidder submits information clearly marked confidential or proprietary, the City may protect such information and treat it with confidentiality to the extent permitted by law. However, it will be the responsibility of the bidder to provide to the City the specific legal grounds on which the City can rely in withholding information requested under the CPRA should the City choose to withhold such information. General references to sections of the CPRA will not suffice. Rather, the bidder must provide a specific and detailed legal basis, including applicable case law, that clearly establishes the requested information is exempt from the disclosure under the CPRA. If the bidder does not provide a specific and detailed legal basis for requesting the City to withhold bidder's confidential or proprietary information at the time of bid submittal, City will release the information as required by the CPRA and bidder will hold the City, its elected officials, officers, and employees harmless for release of this information. It will be the bidder's obligation to defend, at bidder's expense, any legal actions or challenges seeking to obtain from the City any information requested under the CPRA withheld by the City at the bidder's request. Furthermore, the bidder shall indemnify and hold harmless the City, its elected officials, officers, and employees from and against any claim or liability, and defend any action brought against the City, resulting from the City's refusal to release information requested under the CPRA which was withheld at bidder's request. Nothing in the Contract resulting from this bid creates any obligation on the part of the City to notify the bidder or obtain the bidder's approval or consent before releasing information subject to disclosure under the CPRA.

10. **Right to Audit.** The City Auditor may access bidder's records as described in San Diego Charter section 39.2 to confirm contract compliance.

B. PRICING

1. **Fixed Price.** All prices shall be firm, fixed, fully burdened, FOB destination, and include any applicable delivery or freight charges, and any other costs required to provide the requirements as specified in this ITB.

2. **Taxes and Fees.** Taxes and applicable local, state, and federal regulatory fees should not be included in the price proposal. Applicable taxes and regulatory fees will be added to the net amount invoiced. The City is liable for state, city, and county sales taxes but is exempt from Federal Excise Tax and will furnish exemption certificates upon request. All or any portion of the City sales tax returned to the City will be considered in the evaluation of bids.

3. **Escalation.** An escalation factor is not allowed unless called for in this ITB. If escalation is allowed, bidder must notify the City in writing in the event of a decline in market price(s) below the bid price. At that time, the City will make an adjustment in the Contract or may elect to re-solicit.

4. Unit Price. Unless the bidder clearly indicates that the price is based on consideration of being awarded the entire lot and that an adjustment to the price was made based on receiving the entire bid, any difference between the unit price correctly extended and the total price shown for all items shall be offered shall be resolved in favor of the unit price.

C. BID OPENING. All bids will be opened at, or immediately after, the time noticed for the bid opening in a location that is open to the public. No bidder or interested person will be excluded from the bid opening. Where no member of the public is in attendance, at least one City officer or employee, in addition to the City employee opening the bids, will be present. Bid results will be announced in the presence of those attending. The name of the project will be audibly announced to those present followed by the name of the bidder, the name of the surety, the amount of the bond, if required, and the total amounts or unit amounts bid. Any person present shall have the right to ask the announcements be repeated or to ask that omitted data be supplied. Such requests will be honored to the extent they do not unreasonably delay or interfere with the bid opening procedure, as determined at the sole discretion of the City employee opening the bids.

D. EVALUATION OF BIDS

1. Low Bid Award. A contract will be awarded to the lowest responsible and responsive bidder.

2. Additional Information. The City may require bidder to provide additional written or oral information to clarify responses.

3. Sustainable Materials. Consistent with Council Policy 100-14, the City encourages use of readily recyclable submittal materials that contain post-consumer recycled content.

4. Waiver of Defects and Technicalities. The City may waive defects and technicalities in bids when to do so is in the City's best interests.

5. Rejection of All Bids. The City may reject any and all bids when to do so is in the City's best interests.

E. ANNOUNCEMENT OF AWARD

1. Award of Contract. The City will inform all bidders of its intent to award a Contract in writing.

2. Obtaining Bid Results. Bid results may be obtained by: (1) attending the bid opening; (2) e-mailing a request to the City Contact identified on the eBidding System; or (3) visiting the P&C eBidding System to review the bid results. To ensure an accurate response, requests should reference the Solicitation Number. Bid results will not be released over the phone.

3. **Multiple Awards.** City may award more than one contract by awarding separate items or groups of items to various bidders. The additional administrative costs associated with awarding more than one Contract will be considered in the determination.

F. **PROTESTS.** The City's protest procedures are codified in Chapter 2, Article 2, Division 30 of the San Diego Municipal Code (SDMC). These procedures provide unsuccessful bidders with the opportunity to challenge the City's determination on legal and factual grounds. The City will not consider or otherwise act upon an untimely protest.

G. **SUBMITTALS REQUIRED UPON NOTICE OF INTENT TO AWARD.** The successful bidder is required to submit the following documents to P&C **within ten (10) business days** from the date on the Notice of Intent to Award letter:

1. **Insurance Documents.** Evidence of all required insurance, including all required endorsements, as specified in Article VII of the General Contract Terms and Provisions.

2. **Taxpayer Identification Number.** Internal Revenue Service (IRS) regulations require the City to have the correct name, address, and Taxpayer Identification Number (TIN) or Social Security Number (SSN) on file for businesses or persons who provide goods or services to the City. This information is necessary to complete Form 1099 at the end of each tax year. To comply with IRS regulations, the City requires each Contractor to provide a Form W-9 prior to the award of a Contract.

3. **Business Tax Certificate.** All businesses that contract with the City must have a current business tax certificate unless the City Treasurer determines the business is exempt.

4. **Reserved.**

5. **Reserved.**

The City may find the bidder to be non-responsive and award the Contract to the next responsible and responsive low bidder if the apparent successful bidder fails to timely provide the required information or documents.

**EXHIBIT B
SCOPE OF WORK**

A. BID SPECIFICATIONS

The City of San Diego, Public Utilities Department (City) requires a Contractor to provide Ferric Chloride (FeCl_3), thirty-seven percent (37%) to forty-two percent (42%) concentration to be delivered as requested by the City.

Ferric chloride shall meet AWWA Spec. B 40793 (or most recent) and shall conform to most recent NSF standards.

The ferric chloride supplied shall be clean and free from all dirt, wood and plastic particulate matter and shall contain no foreign substances, organic or inorganic, in injurious quantities. An injurious quantity shall be defined as the minimum capable of producing ill effects on the health of those consuming water that has been treated properly with ferric chloride, or of causing water so treated to fail to meet current United States Environmental Protection Agency (U.S.E.P.A) drinking water standards. The maximum concentration of the chemical elements arsenic, cobalt, copper, nickel, lead and titanium shall not exceed 200 mg/l (milligrams per liter) collectively. Inorganic impurities shall be determined by the procedures described in the "heavy metals" section of the latest edition of Standard Methods for the Examination of Water and Wastewater.

Fill ports on chemical containers and fill access hatches on chemical trailers are required to be sealed and identified with a seal number unique to the chemical load being delivered. The seal number is required to be written on the company transport bill of lading.

B. SAMPLES

1. Ferric Chloride Sample for Bid Evaluation

Bidders shall send, at Bidder's expense, a one (1) quart sample of their material to City of San Diego, Water Quality Laboratory, 5530 Kiowa Drive, La Mesa, CA 91942-1331, for testing purposes. Samples must be submitted to the Water Quality Laboratory between the hours of 8:00 a.m. and 3:00 p.m. Pacific Time. Samples must be received on or before 12:00 p.m. on **January 8, 2024**. If bidder fails to submit a sample by the due date and time, the bid response will be rejected and the Bidder deemed as non-responsive to the bid. Sample material shall include, at a minimum, Name of Bidder, Date of Delivery, and Per Cent Concentration. Please contact Michael Younan, Associate Chemist at (619) 668-3260 to schedule a time to drop off sample.

The successful Bidder shall warrant the material to be furnished is one of the purity and content specified herein and that the material to be furnished is substantially equal to the sample submitted for testing. Sample must be produced by the plant from which the material will be furnished. Samples made in a laboratory are not acceptable. The City reserves the right to request additional samples as needed, at no cost to the City, for additional evaluation purposes.

Addendum B
January 3, 2024

2. Truck Deliveries Sample

With each shipment, the successful Bidder shall provide City staff receiving the delivery, one (1) quart sample of each shipment as loaded so that the City may evaluate the shipment. The seal number on the representative sample shall be the same seal number on the chemical load being delivered. The City reserves the right to reject delivery if the seal number of the sample and the seal number of the bulk chemical being delivered are not the same.

C. DELIVERY REQUIREMENTS

The City requests delivery of ferric chloride to following locations:

1. Alvarado Filtration Plant
5540 Kiowa Drive
La Mesa, CA 91942-1331
2. Otay Filtration Plant
1500 Wueste Road
Chula Vista, CA 91915-6005
3. Miramar Filtration Plant
10710 Scripps Lake Drive
San Diego, CA 92131-1237
4. Point Loma Wastewater Treatment Plant
1902 Gatchell Road
San Diego, CA 92106

Chemical deliveries will not be accepted if seals on fill ports or access hatches are missing or have been tampered with.

For each site, delivery shall be in tank truck lots of 5,000 gallons or less to Alvarado Filtration Plant, Otay Filtration Plant, Miramar Filtration Plant and Point Loma Wastewater Treatment Plant.

Delivery weight of material shall be determined by certified scales. Certificates of weight shall be furnished by successful Bidder for all loads of ferric chloride delivered. Each delivery slip must indicate the Baume percentage.

Delivery shall be between the hours of 7:00 a.m. and 2:00 p.m., Pacific Time, Monday through Friday, unless previously arranged delivery times have been agreed by the successful Bidder and the receiving point of delivery.

Valid documentation for chemical deliveries is required. This documentation should include a company transport bill of lading, a certified weight receipt, certificate of analysis, material safety data sheet, the seal number (to be written on the company transport bill of lading), the Baume percentage and the invoice number.

D. DELIVERY PERSONNEL

All delivery personnel shall be trained about the specific properties and hazards of the product, and utilize appropriate protective equipment (PPE) while at City of San Diego facilities. Certification of training shall be provided to the City prior to the delivery personnel being allowed on City property,

E. SPILLAGE

All discharge connections and hose ends shall be plugged, capped, blind-flanged, or contained to prevent any spillage of liquid ferric chloride.

1. The successful Bidder and the cargo trailer operator shall be responsible for clean-up of all spillage, contaminated matter, and the removal of all contaminated clean-up material.
2. The successful Bidder and/or the cargo trailer operator (truck driver) shall immediately notify City staff at the delivery site in the event a spillage has occurred. Bidder, and/or their cargo trailer operator (truck driver), shall not leave City property without notifying City staff of spillage and obtaining written documentation from the City that the Bidder/cargo trailer operator (truck driver) has provided spillage notification.
3. Bidder shall, at their expense, conduct an investigation as to why and how the spillage occurred and provide the report to the City within thirty (30) days from spillage occurring. The Bidder's report shall include, but not be limited to, type and amount of chemical spilled, cause of spillage, safety training provided to the Bidder's cargo trailer operator (truck driver) on duty when the spillage occurred, actions taken by Bidder as a result of their findings regarding the spillage.
4. The Bidder is responsible for the containment, cleanup and proper disposal of any and all Chemical spillage resulting or arising from the acts or omissions of the Bidder, its officers, employees, agents, representatives and/or subcontractors, at no additional cost to the City. The Bidder shall make all regulatory notifications of the Chemical spillage as required by law including, but not limited to, those required by California Code of Regulations, Title 19.
5. The City will notify successful Bidder of any spillage, and shall immediately notify Bidder of any spillage which is not cleaned up by the cargo trailer operator (truck driver). Any spillage not cleaned up by the successful Bidder, or their agents or representatives, within four (4) hours of notification will be cleaned up by a private hazardous waste firm at the successful Bidder's expense.

F. TECHNICAL REPRESENTATIVE

The Technical Representative for this Contract is identified in the notice of award and is responsible for overseeing and monitoring this Contract.

G. PRICING SCHEDULE

The estimated annual quantities provided by the City are not guaranteed. The quantities may vary depending on the demands of the City. Any variations for these estimated quantities shall not entitle the Contractor to an adjustment in the unit price or to any additional compensation. Bidder shall complete the pricing page in its entirety to include the estimated annual bid total and estimated total contract value per the five (5) year contract term.

| Item No. | Est. Annual Qty. | U/M | Description | Price per Ton (Dry Basis) | Extension |
|--|------------------|-----|---|---------------------------|-------------------------|
| 1. | 3,500 | Ton | Ferric Chloride: Point Loma Wastewater Treatment Plant (PLWTP) 1902 Gatchell Road San Diego, CA 92106 | \$ <u>1197.00</u> | \$ <u>4,189,500.00</u> |
| 2. | 1300 | Ton | Ferric Chloride: Alvarado Water Treatment Plant 5540 Kiowa Drive La Mesa, CA 91942-1331 | \$ <u>1197.00</u> | \$ <u>1,556,100.00</u> |
| 3. | 600 | Ton | Ferric Chloride: Otay Treatment Plant 1500 Wueste Road Chula Vista, CA 91915-6005 | \$ <u>1197.00</u> | \$ <u>718,200.00</u> |
| 4. | 700 | Ton | Ferric Chloride Miramar Water Treatment Plant 10710 Scripps Lake Drive San Diego, CA 92131-1237 | \$ <u>1197.00</u> | \$ <u>837,900.00</u> |
| Estimated Annual Bid Total for Line Items 1-4 | | | | | \$ <u>7,301,700.00</u> |
| Estimated Total Contract Value (Est. Annual Bid Total x 5 year Contract Term) | | | | | \$ <u>36,508,500.00</u> |



THE CITY OF SAN DIEGO
GENERAL CONTRACT TERMS AND PROVISIONS
APPLICABLE TO GOODS, SERVICES, AND CONSULTANT CONTRACTS

ARTICLE I SCOPE AND TERM OF CONTRACT

1.1 Scope of Contract. The scope of contract between the City and a provider of goods and/or services (Contractor) is described in the Contract Documents. The Contract Documents are comprised of the Request for Proposal, Invitation to Bid, or other solicitation document (Solicitation); the successful bid or proposal; the letter awarding the contract to Contractor; the City's written acceptance of exceptions or clarifications to the Solicitation, if any; and these General Contract Terms and Provisions.

1.2 Effective Date. A contract between the City and Contractor (Contract) is effective on the last date that the contract is signed by the parties and approved by the City Attorney in accordance with Charter section 40. Unless otherwise terminated, this Contract is effective until it is completed or as otherwise agreed upon in writing by the parties, whichever is the earliest. A Contract term cannot exceed five (5) years unless approved by the City Council by ordinance.

1.3 Contract Extension. The City may, in its sole discretion, unilaterally exercise an option to extend the Contract as described in the Contract Documents. In addition, the City may, in its sole discretion, unilaterally extend the Contract on a month-to-month basis following contract expiration if authorized under Charter section 99 and the Contract Documents. Contractor shall not increase its pricing in excess of the percentage increase described in the Contract.

ARTICLE II CONTRACT ADMINISTRATOR

2.1 Contract Administrator. The Purchasing Agent or designee is the Contract Administrator for purposes of this Contract, and has the responsibilities described in this Contract, in the San Diego Charter, and in Chapter 2, Article 2, Divisions 5, 30, and 32.

2.1.1 Contractor Performance Evaluations. The Contract Administrator will evaluate Contractor's performance as often as the Contract Administrator deems necessary throughout the term of the contract. This evaluation will be based on criteria including the quality of goods or services, the timeliness of performance, and adherence to applicable laws, including prevailing wage and living wage. City will provide Contractors who receive an unsatisfactory rating with a copy of the evaluation and an opportunity to respond. City may consider final evaluations, including Contractor's response, in evaluating future proposals and bids for contract award.

2.2 Notices. Unless otherwise specified, in all cases where written notice is required under this Contract, service shall be deemed sufficient if the notice is personally delivered or deposited in the United States mail, with first class postage paid, attention to the Purchasing Agent. Proper notice is effective on the date of personal delivery or five (5) days after deposit in a United States postal mailbox unless provided otherwise in the Contract. Notices to the City shall be sent to:

Purchasing Agent
City of San Diego, Purchasing and Contracting Division
1200 3rd Avenue, Suite 200
San Diego, CA 92101-4195

ARTICLE III COMPENSATION

3.1 Manner of Payment. Contractor will be paid monthly, in arrears, for goods and/or services provided in accordance with the terms and provisions specified in the Contract.

3.2 Invoices.

3.2.1 Invoice Detail. Contractor's invoice must be on Contractor's stationary with Contractor's name, address, and remittance address if different. Contractor's invoice must have a date, an invoice number, a purchase order number, a description of the goods or services provided, and an amount due.

3.2.2 Service Contracts. Contractor must submit invoices for services to City by the 10th of the month following the month in which Contractor provided services. Invoices must include the address of the location where services were performed and the dates in which services were provided.

3.2.3 Goods Contracts. Contractor must submit invoices for goods to City within seven days of the shipment. Invoices must describe the goods provided.

3.2.4 Parts Contracts. Contractor must submit invoices for parts to City within seven calendar (7) days of the date the parts are shipped. Invoices must include the manufacturer of the part, manufacturer's published list price, percentage discount applied in accordance with Pricing Page(s), the net price to City, and an item description, quantity, and extension.

3.2.5 Extraordinary Work. City will not pay Contractor for extraordinary work unless Contractor receives prior written authorization from the Contract Administrator. Failure to do so will result in payment being withheld for services. If approved, Contractor will include an invoice that describes the work performed and the location where the work was performed, and a copy of the Contract Administrator's written authorization.

3.2.6 Reporting Requirements. Contractor must submit the following reports using the City's web-based contract compliance portal. Incomplete and/or delinquent reports may cause payment delays, non-payment of invoice, or both. For questions, please view the City's online tutorials on how to utilize the City's web-based contract compliance portal.

3.2.6.1 Monthly Employment Utilization Reports. Contractor and Contractor's subcontractors and suppliers must submit Monthly Employment Utilization Reports by the fifth (5th) day of the subsequent month.

3.2.6.2 Monthly Invoicing and Payments. Contractor and Contractor's subcontractors and suppliers must submit Monthly Invoicing and Payment Reports by the fifth (5th) day of the subsequent month.

3.3 Annual Appropriation of Funds. Contractor acknowledges that the Contract term may extend over multiple City fiscal years, and that work and compensation under this Contract is

contingent on the City Council appropriating funding for and authorizing such work and compensation for those fiscal years. This Contract may be terminated at the end of the fiscal year for which sufficient funding is not appropriated and authorized. City is not obligated to pay Contractor for any amounts not duly appropriated and authorized by City Council.

3.4 Price Adjustments. Based on Contractor's written request and justification, the City may approve an increase in unit prices on Contractor's pricing pages consistent with the amount requested in the justification in an amount not to exceed the increase in the Consumer Price Index, San Diego Area, for All Urban Customers (CPI-U) as published by the Bureau of Labor Statistics, or 5.0%, whichever is less, during the preceding one year term. If the CPI-U is a negative number, then the unit prices shall not be adjusted for that option year (the unit prices will not be decreased). A negative CPI-U shall be counted against any subsequent increases in the CPI-U when calculating the unit prices for later option years. Contractor must provide such written request and justification no less than sixty days before the date in which City may exercise the option to renew the contract, or sixty days before the anniversary date of the Contract. Justification in support of the written request must include a description of the basis for the adjustment, the proposed effective date and reasons for said date, and the amount of the adjustment requested with documentation to support the requested change (e.g. CPI-U or 5.0%, whichever is less). City's approval of this request must be in writing.

3.5 Price Adjustment for Materials. In the event the Contractor does not request a price increase at the time of the Contract renewal pursuant to Exhibit C, Article III, section 3.4, and the manufacturer(s) that are direct suppliers of raw materials necessary for Contractor to provide the goods and services required under this Contract (Materials) subsequently announces a general increase in the price of their Materials, the Contractor may request an increase at that time. The Contractor must provide detailed supporting documentation from the manufacturer to support the requested increase. The requested increase shall not exceed the percentage increase indicated in section 3.4. The requested increase will be evaluated by the City, and the City reserves the right to accept or reject such request. In the event that a requested increase exceeds the amount allowed under section 3.4, the City reserves the right to accept or reject such request. Contractor shall not be entitled to an increase under section 3.4 as long as the Contractor is receiving compensation in accordance with section 3.5.1 below.

3.5.1 Temporary Price increases for Materials. Contractor shall provide written notice to City that the supplier that Contractor directly obtains Materials from for this Contract is increasing the cost for such Materials. The City shall review the notice provided and have the ability to reject or accept such a request for a cost increase for those goods with corresponding line items in the Contract for which the Materials are necessary. If rejected, the contract may be terminated with 60-day written notice, without penalty to either party. If approved, the Contractor shall provide to the City proof every 90 days of the change, if any, in actual amount paid to the supplier of the Materials, to justify their pricing for the next 90-days. The City has the option to request additional information and conduct market research or benchmarking with other agencies at any time to support a change in price of Materials purchased for this Contract. If approved, City will pay Contractor the price currently in effect plus or minus the actual change in cost, if any, that supplier is charging Contractor for the Materials used to provide goods to the City under this Contract, so long as in doing so, it does not result in the amount paid by City

exceeding the amount authorized for compensation to Contractor listed in the Contract in Article III, section 3.1 Compensation. Contractor acknowledges that City cannot pay any amounts exceeding the amount in Article III, section 3.1 unless approved by the City Council. Termination of Temporary Price status will require consent of both parties and 90-day written notice.

3.5.2 Temporary Price Decrease for Chemicals. If the Cost of the Materials being charged by the supplier to the Contractor for this Contract decrease, then the City will receive the benefit of such price decrease, and the City will pay the price currently in effect minus the actual change in cost. At no time though will the price paid by City to Contractor go below the amount listed in their original bid for this Contract. Termination of Temporary Price status will require consent of both parties and 90-day written notice.

3.5.3 Documentation. Contractor shall provide to City a true copy of suppliers' price change letters (Attachment 1 – Example Supplier Change Letter) on suppliers' letterhead, for the Materials every 90 days, for the next 90-day period. These price change letters will justify the change in price the City will pay Contractor for the goods received during that 90-day period (whether an increase in price, decrease in price, or no adjustment at all). Each 90-days, Contractor shall provide current suppliers' price change letters to the City. If price change letters, or notification that none were received, are not provided timely, the City may withhold payments until receipt of the current 90-day price change letters or notice that none were received.

3.6 Markup. In the event that City and Contractor are operating under section 3.5.1 Temporary Price Increases for Materials, Contractor will be entitled to a 5% markup on invoices submitted in compliance with sections 3.5.1 through 3.5.3. If City is already paying a markup to Contractor, then this 5% will not be allowed. This markup shall apply only to the cost of the Materials supplied, and not on wages, taxes, or related benefits.

ARTICLE IV SUSPENSION AND TERMINATION

4.1 City's Right to Suspend for Convenience. City may suspend all or any portion of Contractor's performance under this Contract at its sole option and for its convenience for a reasonable period of time not to exceed six (6) months. City must first give ten (10) days' written notice to Contractor of such suspension. City will pay to Contractor a sum equivalent to the reasonable value of the goods and/or services satisfactorily provided up to the date of suspension. City may rescind the suspension prior to or at six (6) months by providing Contractor with written notice of the rescission, at which time Contractor would be required to resume performance in compliance with the terms and provisions of this Contract. Contractor will be entitled to an extension of time to complete performance under the Contract equal to the length of the suspension unless otherwise agreed to in writing by the Parties.

4.2 City's Right to Terminate for Convenience. City may, at its sole option and for its convenience, terminate all or any portion of this Contract by giving thirty (30) days' written notice of such termination to Contractor. The termination of the Contract shall be effective upon receipt of the notice by Contractor. After termination of all or any portion of the Contract,

Contractor shall: (1) immediately discontinue all affected performance (unless the notice directs otherwise); and (2) complete any and all additional work necessary for the orderly filing of documents and closing of Contractor's affected performance under the Contract. After filing of documents and completion of performance, Contractor shall deliver to City all data, drawings, specifications, reports, estimates, summaries, and such other information and materials created or received by Contractor in performing this Contract, whether completed or in process. By accepting payment for completion, filing, and delivering documents as called for in this section, Contractor discharges City of all of City's payment obligations and liabilities under this Contract with regard to the affected performance.

4.3 City's Right to Terminate for Default. Contractor's failure to satisfactorily perform any obligation required by this Contract constitutes a default. Examples of default include a determination by City that Contractor has: (1) failed to deliver goods and/or perform the services of the required quality or within the time specified; (2) failed to perform any of the obligations of this Contract; and (3) failed to make sufficient progress in performance which may jeopardize full performance.

4.3.1 If Contractor fails to satisfactorily cure a default within ten (10) calendar days of receiving written notice from City specifying the nature of the default, City may immediately cancel and/or terminate this Contract, and terminate each and every right of Contractor, and any person claiming any rights by or through Contractor under this Contract.

4.3.2 If City terminates this Contract, in whole or in part, City may procure, upon such terms and in such manner as the Purchasing Agent may deem appropriate, equivalent goods or services and Contractor shall be liable to City for any excess costs. Contractor shall also continue performance to the extent not terminated.

4.4 Termination for Bankruptcy or Assignment for the Benefit of Creditors. If Contractor files a voluntary petition in bankruptcy, is adjudicated bankrupt, or makes a general assignment for the benefit of creditors, the City may at its option and without further notice to, or demand upon Contractor, terminate this Contract, and terminate each and every right of Contractor, and any person claiming rights by and through Contractor under this Contract.

4.5 Contractor's Right to Payment Following Contract Termination.

4.5.1 Termination for Convenience. If the termination is for the convenience of City an equitable adjustment in the Contract price shall be made. No amount shall be allowed for anticipated profit on unperformed services, and no amount shall be paid for an as needed contract beyond the Contract termination date.

4.5.2 Termination for Default. If, after City gives notice of termination for failure to fulfill Contract obligations to Contractor, it is determined that Contractor had not so failed, the termination shall be deemed to have been effected for the convenience of City. In such event, adjustment in the Contract price shall be made as provided in Section 4.3.2. City's rights and remedies are in addition to any other rights and remedies provided by law or under this Contract.

4.6 Remedies Cumulative. City's remedies are cumulative and are not intended to be

exclusive of any other remedies or means of redress to which City may be lawfully entitled in case of any breach or threatened breach of any provision of this Contract.

ARTICLE V ADDITIONAL CONTRACTOR OBLIGATIONS

5.1 Inspection and Acceptance. The City will inspect and accept goods provided under this Contract at the shipment destination unless specified otherwise. Inspection will be made and acceptance will be determined by the City department shown in the shipping address of the Purchase Order or other duly authorized representative of City.

5.2 Responsibility for Lost or Damaged Shipments. Contractor bears the risk of loss or damage to goods prior to the time of their receipt and acceptance by City. City has no obligation to accept damaged shipments and reserves the right to return damaged goods, at Contractor's sole expense, even if the damage was not apparent or discovered until after receipt.

5.3 Responsibility for Damages. Contractor is responsible for all damage that occurs as a result of Contractor's fault or negligence or that of its' employees, agents, or representatives in connection with the performance of this Contract. Contractor shall immediately report any such damage to people and/or property to the Contract Administrator.

5.4 Delivery. Delivery shall be made on the delivery day specified in the Contract Documents. The City, in its sole discretion, may extend the time for delivery. The City may order, in writing, the suspension, delay or interruption of delivery of goods and/or services.

5.5 Delay. Unless otherwise specified herein, time is of the essence for each and every provision of the Contract. Contractor must immediately notify City in writing if there is, or it is anticipated that there will be, a delay in performance. The written notice must explain the cause for the delay and provide a reasonable estimate of the length of the delay. City may terminate this Contract as provided herein if City, in its sole discretion, determines the delay is material.

5.5.1 If a delay in performance is caused by any unforeseen event(s) beyond the control of the parties, City may allow Contractor to a reasonable extension of time to complete performance, but Contractor will not be entitled to damages or additional compensation. Any such extension of time must be approved in writing by City. The following conditions may constitute such a delay: war; changes in law or government regulation; labor disputes; strikes; fires, floods, adverse weather or other similar condition of the elements necessitating cessation of the performance; inability to obtain materials, equipment or labor; or other specific reasons agreed to between City and Contractor. This provision does not apply to a delay caused by Contractor's acts or omissions. Contractor is not entitled to an extension of time to perform if a delay is caused by Contractor's inability to obtain materials, equipment, or labor unless City has received, in a timely manner, documentary proof satisfactory to City of Contractor's inability to obtain materials, equipment, or labor, in which case City's approval must be in writing.

5.6 Restrictions and Regulations Requiring Contract Modification. Contractor shall immediately notify City in writing of any regulations or restrictions that may or will require Contractor to alter the material, quality, workmanship, or performance of the goods and/or

services to be provided. City reserves the right to accept any such alteration, including any resulting reasonable price adjustments, or to cancel the Contract at no expense to the City.

5.7 Warranties. All goods and/or services provided under the Contract must be warranted by Contractor or manufacturer for at least twelve (12) months after acceptance by City, except automotive equipment. Automotive equipment must be warranted for a minimum of 12,000 miles or 12 months, whichever occurs first, unless otherwise stated in the Contract. Contractor is responsible to City for all warranty service, parts, and labor. Contractor is required to ensure that warranty work is performed at a facility acceptable to City and that services, parts, and labor are available and provided to meet City's schedules and deadlines. Contractor may establish a warranty service contract with an agency satisfactory to City instead of performing the warranty service itself. If Contractor is not an authorized service center and causes any damage to equipment being serviced, which results in the existing warranty being voided, Contractor will be liable for all costs of repairs to the equipment, or the costs of replacing the equipment with new equipment that meets City's operational needs.

5.8 Industry Standards. Contractor shall provide goods and/or services acceptable to City in strict conformance with the Contract. Contractor shall also provide goods and/or services in accordance with the standards customarily adhered to by an experienced and competent provider of the goods and/or services called for under this Contract using the degree of care and skill ordinarily exercised by reputable providers of such goods and/or services. Where approval by City, the Mayor, or other representative of City is required, it is understood to be general approval only and does not relieve Contractor of responsibility for complying with all applicable laws, codes, policies, regulations, and good business practices.

5.9 Records Retention and Examination. Contractor shall retain, protect, and maintain in an accessible location all records and documents, including paper, electronic, and computer records, relating to this Contract for five (5) years after receipt of final payment by City under this Contract. Contractor shall make all such records and documents available for inspection, copying, or other reproduction, and auditing by authorized representatives of City, including the Purchasing Agent or designee. Contractor shall make available all requested data and records at reasonable locations within City or County of San Diego at any time during normal business hours, and as often as City deems necessary. If records are not made available within the City or County of San Diego, Contractor shall pay City's travel costs to the location where the records are maintained and shall pay for all related travel expenses. Failure to make requested records available for inspection, copying, or other reproduction, or auditing by the date requested may result in termination of the Contract. Contractor must include this provision in all subcontracts made in connection with this Contract.

5.9.1 Contractor shall maintain records of all subcontracts entered into with all firms, all project invoices received from Subcontractors and Suppliers, all purchases of materials and services from Suppliers, and all joint venture participation. Records shall show name, telephone number including area code, and business address of each Subcontractor and Supplier, and joint venture partner, and the total amount actually paid to each firm. Project relevant records, regardless of tier, may be periodically reviewed by the City.

5.10 Quality Assurance Meetings. Upon City's request, Contractor shall schedule one or more quality assurance meetings with City's Contract Administrator to discuss Contractor's performance. If requested, Contractor shall schedule the first quality assurance meeting no later than eight (8) weeks from the date of commencement of work under the Contract. At the quality assurance meeting(s), City's Contract Administrator will provide Contractor with feedback, will note any deficiencies in Contract performance, and provide Contractor with an opportunity to address and correct such deficiencies. The total number of quality assurance meetings that may be required by City will depend upon Contractor's performance.

5.11 Duty to Cooperate with Auditor. The City Auditor may, in his sole discretion, at no cost to the City, and for purposes of performing his responsibilities under Charter section 39.2, review Contractor's records to confirm contract compliance. Contractor shall make reasonable efforts to cooperate with Auditor's requests.

5.12 Safety Data Sheets. If specified by City in the solicitation or otherwise required by this Contract, Contractor must send with each shipment one (1) copy of the Safety Data Sheet (SDS) for each item shipped. Failure to comply with this procedure will be cause for immediate termination of the Contract for violation of safety procedures.

5.13 Project Personnel. Except as formally approved by the City, the key personnel identified in Contractor's bid or proposal shall be the individuals who will actually complete the work. Changes in staffing must be reported in writing and approved by the City.

5.13.1 Criminal Background Certification. Contractor certifies that all employees working on this Contract have had a criminal background check and that said employees are clear of any sexual and drug related convictions. Contractor further certifies that all employees hired by Contractor or a subcontractor shall be free from any felony convictions.

5.13.2 Photo Identification Badge. Contractor shall provide a company photo identification badge to any individual assigned by Contractor or subcontractor to perform services or deliver goods on City premises. Such badge must be worn at all times while on City premises. City reserves the right to require Contractor to pay fingerprinting fees for personnel assigned to work in sensitive areas. All employees shall turn in their photo identification badges to Contractor upon completion of services and prior to final payment of invoice.

5.14 Standards of Conduct. Contractor is responsible for maintaining standards of employee competence, conduct, courtesy, appearance, honesty, and integrity satisfactory to the City.

5.14.1 Supervision. Contractor shall provide adequate and competent supervision at all times during the Contract term. Contractor shall be readily available to meet with the City. Contractor shall provide the telephone numbers where its representative(s) can be reached.

5.14.2 City Premises. Contractor's employees and agents shall comply with all City rules and regulations while on City premises.

5.14.3 Removal of Employees. City may request Contractor immediately remove from

assignment to the City any employee found unfit to perform duties at the City. Contractor shall comply with all such requests.

5.15 Licenses and Permits. Contractor shall, without additional expense to the City, be responsible for obtaining any necessary licenses, permits, certifications, accreditations, fees and approvals for complying with any federal, state, county, municipal, and other laws, codes, and regulations applicable to Contract performance. This includes, but is not limited to, any laws or regulations requiring the use of licensed contractors to perform parts of the work.

5.16 Contractor and Subcontractor Registration Requirements. Prior to the award of the Contract or Task Order, Contractor and Contractor's subcontractors and suppliers must register with the City's web-based vendor registration and bid management system. The City may not award the Contract until registration of all subcontractors and suppliers is complete. In the event this requirement is not met within the time frame specified by the City, the City reserves the right to rescind the Contract award and to make the award to the next responsive and responsible proposer of bidder.

ARTICLE VI INTELLECTUAL PROPERTY RIGHTS

6.1 Rights in Data. If, in connection with the services performed under this Contract, Contractor or its employees, agents, or subcontractors, create artwork, audio recordings, blueprints, designs, diagrams, documentation, photographs, plans, reports, software, source code, specifications, surveys, system designs, video recordings, or any other original works of authorship, whether written or readable by machine (Deliverable Materials), all rights of Contractor or its subcontractors in the Deliverable Materials, including, but not limited to publication, and registration of copyrights, and trademarks in the Deliverable Materials, are the sole property of City. Contractor, including its employees, agents, and subcontractors, may not use any Deliverable Material for purposes unrelated to Contractor's work on behalf of the City without prior written consent of City. Contractor may not publish or reproduce any Deliverable Materials, for purposes unrelated to Contractor's work on behalf of the City, without the prior written consent of the City.

6.2 Intellectual Property Rights Assignment. For no additional compensation, Contractor hereby assigns to City all of Contractor's rights, title, and interest in and to the content of the Deliverable Materials created by Contractor or its employees, agents, or subcontractors, including copyrights, in connection with the services performed under this Contract. Contractor shall promptly execute and deliver, and shall cause its employees, agents, and subcontractors to promptly execute and deliver, upon request by the City or any of its successors or assigns at any time and without further compensation of any kind, any power of attorney, assignment, application for copyright, patent, trademark or other intellectual property right protection, or other papers or instruments which may be necessary or desirable to fully secure, perfect or otherwise protect to or for the City, its successors and assigns, all right, title and interest in and to the content of the Deliverable Materials. Contractor also shall cooperate and assist in the prosecution of any action or opposition proceeding involving such intellectual property rights and any adjudication of those rights.

6.3 Contractor Works. Contractor Works means tangible and intangible information and material that: (a) had already been conceived, invented, created, developed or acquired by Contractor prior to the effective date of this Contract; or (b) were conceived, invented, created, or developed by Contractor after the effective date of this Contract, but only to the extent such information and material do not constitute part or all of the Deliverable Materials called for in this Contract. All Contractor Works, and all modifications or derivatives of such Contractor Works, including all intellectual property rights in or pertaining to the same, shall be owned solely and exclusively by Contractor.

6.4 Subcontracting. In the event that Contractor utilizes a subcontractor(s) for any portion of the work that comprises the whole or part of the specified Deliverable Materials to the City, the agreement between Contractor and the subcontractor shall include a statement that identifies the Deliverable Materials as a "works for hire" as described in the United States Copyright Act of 1976, as amended, and that all intellectual property rights in the Deliverable Materials, whether arising in copyright, trademark, service mark or other forms of intellectual property rights, belong to and shall vest solely with the City. Further, the agreement between Contractor and its subcontractor shall require that the subcontractor, if necessary, shall grant, transfer, sell and assign, free of charge, exclusively to City, all titles, rights and interests in and to the Deliverable Materials, including all copyrights, trademarks and other intellectual property rights. City shall have the right to review any such agreement for compliance with this provision.

6.5 Intellectual Property Warranty and Indemnification. Contractor represents and warrants that any materials or deliverables, including all Deliverable Materials, provided under this Contract are either original, or not encumbered, and do not infringe upon the copyright, trademark, patent or other intellectual property rights of any third party, or are in the public domain. If Deliverable Materials provided hereunder become the subject of a claim, suit or allegation of copyright, trademark or patent infringement, City shall have the right, in its sole discretion, to require Contractor to produce, at Contractor's own expense, new non-infringing materials, deliverables or works as a means of remedying any claim of infringement in addition to any other remedy available to the City under law or equity. Contractor further agrees to indemnify, defend, and hold harmless the City, its officers, employees and agents from and against any and all claims, actions, costs, judgments or damages, of any type, alleging or threatening that any Deliverable Materials, supplies, equipment, services or works provided under this contract infringe the copyright, trademark, patent or other intellectual property or proprietary rights of any third party (Third Party Claim of Infringement). If a Third-Party Claim of Infringement is threatened or made before Contractor receives payment under this Contract, City shall be entitled, upon written notice to Contractor, to withhold some or all of such payment.

6.6 Software Licensing. Contractor represents and warrants that the software, if any, as delivered to City, does not contain any program code, virus, worm, trap door, back door, time or clock that would erase data or programming or otherwise cause the software to become inoperable, inaccessible, or incapable of being used in accordance with its user manuals, either automatically, upon the occurrence of licensor-selected conditions or manually on command. Contractor further represents and warrants that all third party software, delivered to City or used by Contractor in the performance of the Contract, is fully licensed by the appropriate licensor.

6.7 Publication. Contractor may not publish or reproduce any Deliverable Materials, for purposes unrelated to Contractor's work on behalf of the City without prior written consent from the City.

6.8 Royalties, Licenses, and Patents. Unless otherwise specified, Contractor shall pay all royalties, license, and patent fees associated with the goods that are the subject of this solicitation. Contractor warrants that the goods, materials, supplies, and equipment to be supplied do not infringe upon any patent, trademark, or copyright, and further agrees to defend any and all suits, actions and claims for infringement that are brought against the City, and to defend, indemnify and hold harmless the City, its elected officials, officers, and employees from all liability, loss and damages, whether general, exemplary or punitive, suffered as a result of any actual or claimed infringement asserted against the City, Contractor, or those furnishing goods, materials, supplies, or equipment to Contractor under the Contract.

ARTICLE VII INDEMNIFICATION AND INSURANCE

7.1 Indemnification. To the fullest extent permitted by law, Contractor shall defend (with legal counsel reasonably acceptable to City), indemnify, protect, and hold harmless City and its elected officials, officers, employees, agents, and representatives (Indemnified Parties) from and against any and all claims, losses, costs, damages, injuries (including, without limitation, injury to or death of an employee of Contractor or its subcontractors), expense, and liability of every kind, nature and description (including, without limitation, incidental and consequential damages, court costs, and litigation expenses and fees of expert consultants or expert witnesses incurred in connection therewith and costs of investigation) that arise out of, pertain to, or relate to, directly or indirectly, in whole or in part, any goods provided or performance of services under this Contract by Contractor, any subcontractor, anyone directly or indirectly employed by either of them, or anyone that either of them control. Contractor's duty to defend, indemnify, protect and hold harmless shall not include any claims or liabilities arising from the sole negligence or willful misconduct of the Indemnified Parties.

7.2 Insurance. Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by Contractor, his agents, representatives, employees or subcontractors.

Contractor shall provide, at a minimum, the following:

7.2.1 Commercial General Liability. Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury, and personal and advertising injury with limits no less than \$1,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.

7.2.2 Commercial Automobile Liability. Insurance Services Office Form Number CA 0001 covering Code 1 (any auto) or, if Contractor has no owned autos, Code 8 (hired) and 9
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(non-owned), with limit no less than \$1,000,000 per accident for bodily injury and property damage.

7.2.3 Workers' Compensation. Insurance as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.

7.2.4 Professional Liability (Errors and Omissions). For consultant contracts, insurance appropriate to Consultant's profession, with limit no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

If Contractor maintains broader coverage and/or higher limits than the minimums shown above, City requires and shall be entitled to the broader coverage and/or the higher limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.

7.2.5 Other Insurance Provisions. The insurance policies are to contain, or be endorsed to contain, the following provisions:

7.2.5.1 Additional Insured Status. The City, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to Contractor's insurance (at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 if a later edition is used).

7.2.5.2 Primary Coverage. For any claims related to this contract, Contractor's insurance coverage shall be primary coverage at least as broad as ISO CG 20 01 04 13 as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by City, its officers, officials, employees, or volunteers shall be excess of Contractor's insurance and shall not contribute with it.

7.2.5.3 Notice of Cancellation. Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to City.

7.2.5.4 Waiver of Subrogation. Contractor hereby grants to City a waiver of any right to subrogation which the Workers' Compensation insurer of said Contractor may acquire against City by virtue of the payment of any loss under such insurance. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the City has received a waiver of subrogation endorsement from the insurer.

7.2.5.5 Claims Made Policies (applicable only to professional liability). The Retroactive Date must be shown, and must be before the date of the contract or the beginning of contract work. Insurance must be maintained and evidence of insurance must be provided for at

least five (5) years after completion of the contract of work. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, Contractor must purchase "extended reporting" coverage for a minimum of five (5) years after completion of work.

7.3 Self Insured Retentions. Self-insured retentions must be declared to and approved by City. City may require Contractor to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or City.

7.4 Acceptability of Insurers. Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A-VI, unless otherwise acceptable to City.

City will accept insurance provided by non-admitted, "surplus lines" carriers only if the carrier is authorized to do business in the State of California and is included on the List of Approved Surplus Lines Insurers (LASLI list). All policies of insurance carried by non-admitted carriers are subject to all of the requirements for policies of insurance provided by admitted carriers described herein.

7.5 Verification of Coverage. Contractor shall furnish City with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by City before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive Contractor's obligation to provide them. City reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

7.6 Special Risks or Circumstances. City reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

7.7 Additional Insurance. Contractor may obtain additional insurance not required by this Contract.

7.8 Excess Insurance. All policies providing excess coverage to City shall follow the form of the primary policy or policies including but not limited to all endorsements.

7.9 Subcontractors. Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that City is an additional insured on insurance required from subcontractors. For CGL coverage, subcontractors shall provide coverage with a format at least as broad as the CG 20 38 04 13 endorsement.

ARTICLE VIII BONDS

8.1 Payment and Performance Bond. Prior to the execution of this Contract, City may

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require Contractor to post a payment and performance bond (Bond). The Bond shall guarantee Contractor's faithful performance of this Contract and assure payment to contractors, subcontractors, and to persons furnishing goods and/or services under this Contract.

8.1.1 Bond Amount. The Bond shall be in a sum equal to twenty-five percent (25%) of the Contract amount, unless otherwise stated in the Specifications. City may file a claim against the Bond if Contractor fails or refuses to fulfill the terms and provisions of the Contract.

8.1.2 Bond Term. The Bond shall remain in full force and effect at least until complete performance of this Contract and payment of all claims for materials and labor, at which time it will convert to a ten percent (10%) warranty bond, which shall remain in place until the end of the warranty periods set forth in this Contract. The Bond shall be renewed annually, at least sixty (60) days in advance of its expiration, and Contractor shall provide timely proof of annual renewal to City.

8.1.3 Bond Surety. The Bond must be furnished by a company authorized by the State of California Department of Insurance to transact surety business in the State of California and which has a current A.M. Best rating of at least "A-, VIII."

8.1.4 Non-Renewal or Cancellation. The Bond must provide that City and Contractor shall be provided with sixty (60) days' advance written notice in the event of non-renewal, cancellation, or material change to its terms. In the event of non-renewal, cancellation, or material change to the Bond terms, Contractor shall provide City with evidence of the new source of surety within twenty-one (21) calendar days after the date of the notice of non-renewal, cancellation, or material change. Failure to maintain the Bond, as required herein, in full force and effect as required under this Contract, will be a material breach of the Contract subject to termination of the Contract.

8.2 Alternate Security. City may, at its sole discretion, accept alternate security in the form of an endorsed certificate of deposit, a money order, a certified check drawn on a solvent bank, or other security acceptable to the Purchasing Agent in an amount equal to the required Bond.

ARTICLE IX CITY-MANDATED CLAUSES AND REQUIREMENTS

9.1 Contractor Certification of Compliance. By signing this Contract, Contractor certifies that Contractor is aware of, and will comply with, these City-mandated clauses throughout the duration of the Contract.

9.1.1 Drug-Free Workplace Certification. Contractor shall comply with City's Drug-Free Workplace requirements set forth in Council Policy 100-17, which is incorporated into the Contract by this reference.

9.1.2 Contractor Certification for Americans with Disabilities Act (ADA) and State Access Laws and Regulations: Contractor shall comply with all accessibility requirements under the ADA and under Title 24 of the California Code of Regulations (Title 24). When a conflict exists between the ADA and Title 24, Contractor shall comply with the most

restrictive requirement (i.e., that which provides the most access). Contractor also shall comply with the City's ADA Compliance/City Contractors requirements as set forth in Council Policy 100-04, which is incorporated into this Contract by reference. Contractor warrants and certifies compliance with all federal and state access laws and regulations and further certifies that any subcontract agreement for this contract contains language which indicates the subcontractor's agreement to abide by the provisions of the City's Council Policy and any applicable access laws and regulations.

9.1.3 Non-Discrimination Requirements.

9.1.3.1 Compliance with City's Equal Opportunity Contracting Program (EOCP). Contractor shall comply with City's EOCP Requirements. Contractor shall not discriminate against any employee or applicant for employment on any basis prohibited by law. Contractor shall provide equal opportunity in all employment practices. Prime Contractors shall ensure that their subcontractors comply with this program. Nothing in this Section shall be interpreted to hold a Prime Contractor liable for any discriminatory practice of its subcontractors.

9.1.3.2 Non-Discrimination Ordinance. Contractor shall not discriminate on the basis of race, gender, gender expression, gender identity, religion, national origin, ethnicity, sexual orientation, age, or disability in the solicitation, selection, hiring or treatment of subcontractors, vendors or suppliers. Contractor shall provide equal opportunity for subcontractors to participate in subcontracting opportunities. Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in Contract termination, debarment, or other sanctions. Contractor shall ensure that this language is included in contracts between Contractor and any subcontractors, vendors and suppliers.

9.1.3.3 Compliance Investigations. Upon City's request, Contractor agrees to provide to City, within sixty calendar days, a truthful and complete list of the names of all subcontractors, vendors, and suppliers that Contractor has used in the past five years on any of its contracts that were undertaken within San Diego County, including the total dollar amount paid by Contractor for each subcontract or supply contract. Contractor further agrees to fully cooperate in any investigation conducted by City pursuant to City's Nondiscrimination in Contracting Ordinance. Contractor understands and agrees that violation of this clause shall be considered a material breach of the Contract and may result in Contract termination, debarment, and other sanctions.

9.1.4 Equal Benefits Ordinance Certification. Unless an exception applies, Contractor shall comply with the Equal Benefits Ordinance (EBO) codified in the San Diego Municipal Code (SDMC). Failure to maintain equal benefits is a material breach of the Contract.

9.1.5 Contractor Standards. Contractor shall comply with Contractor Standards provisions codified in the SDMC. Contractor understands and agrees that violation of Contractor Standards may be considered a material breach of the Contract and may result in Contract termination, debarment, and other sanctions.

9.1.6 Noise Abatement. Contractor shall operate, conduct, or construct without violating the City's Noise Abatement Ordinance codified in the SDMC.

9.1.7 Storm Water Pollution Prevention Program. Contractor shall comply with the City's Storm Water Management and Discharge Control provisions codified in Division 3 of Chapter 4 of the SDMC, as may be amended, and any and all applicable Best Management Practice guidelines and pollution elimination requirements in performing or delivering services at City owned, leased, or managed property, or in performance of services and activities on behalf of City regardless of location.

Contractor shall comply with the City's Jurisdictional Urban Runoff Management Plan encompassing Citywide programs and activities designed to prevent and reduce storm water pollution within City boundaries as adopted by the City Council on January 22, 2008, via Resolution No. 303351, as may be amended.

Contractor shall comply with each City facility or work site's Storm Water Pollution Prevention Plan, as applicable, and institute all controls needed while completing the services to minimize any negative impact to the storm water collection system and environment.

9.1.8 Service Worker Retention Ordinance. If applicable, Contractor shall comply with the Service Worker Retention Ordinance (SWRO) codified in the SDMC.

9.1.9 Product Endorsement. Contractor shall comply with Council Policy 000-41 which requires that other than listing the City as a client and other limited endorsements, any advertisements, social media, promotions or other marketing referring to the City as a user of a product or service will require prior written approval of the Mayor or designee. Use of the City Seal or City logos is prohibited.

9.1.10 Business Tax Certificate. Unless the City Treasurer determines in writing that a contractor is exempt from the payment of business tax, any contractor doing business with the City of San Diego is required to obtain a Business Tax Certificate (BTC) and to provide a copy of its BTC to the City before a Contract is executed.

9.1.11 Equal Pay Ordinance. Unless an exception applies, Contractor shall comply with the Equal Pay Ordinance codified in San Diego Municipal Code sections 22.4801 through 22.4809. Contractor shall certify in writing that it will comply with the requirements of the EPO.

9.1.11.1 Contractor and Subcontract Requirement. The Equal Pay Ordinance applies to any subcontractor who performs work on behalf of a Contractor to the same extent as it would apply to that Contractor. Any Contractor subject to the Equal Pay Ordinance shall require all of its subcontractors to certify compliance with the Equal Pay Ordinance in its written subcontracts.

ARTICLE X CONFLICT OF INTEREST AND VIOLATIONS OF LAW

10.1 Conflict of Interest Laws. Contractor is subject to all federal, state and local conflict of interest laws, regulations, and policies applicable to public contracts and procurement practices including, but not limited to, California Government Code sections 1090, *et. seq.* and 81000, *et. seq.*
Revised General Contract Terms and Provisions
ITB 10090062-24-M, Ferric Chloride
OCA Document No. 1685454_2

seq., and the Ethics Ordinance, codified in the SDMC. City may determine that Contractor must complete one or more statements of economic interest disclosing relevant financial interests. Upon City's request, Contractor shall submit the necessary documents to City.

10.2 Contractor's Responsibility for Employees and Agents. Contractor is required to establish and make known to its employees and agents appropriate safeguards to prohibit employees from using their positions for a purpose that is, or that gives the appearance of being, motivated by the desire for private gain for themselves or others, particularly those with whom they have family, business or other relationships.

10.3 Contractor's Financial or Organizational Interests. In connection with any task, Contractor shall not recommend or specify any product, supplier, or contractor with whom Contractor has a direct or indirect financial or organizational interest or relationship that would violate conflict of interest laws, regulations, or policies.

10.4 Certification of Non-Collusion. Contractor certifies that: (1) Contractor's bid or proposal was not made in the interest of or on behalf of any person, firm, or corporation not identified; (2) Contractor did not directly or indirectly induce or solicit any other bidder or proposer to put in a sham bid or proposal; (3) Contractor did not directly or indirectly induce or solicit any other person, firm or corporation to refrain from bidding; and (4) Contractor did not seek by collusion to secure any advantage over the other bidders or proposers.

10.5 Hiring City Employees. This Contract shall be unilaterally and immediately terminated by City if Contractor employs an individual who within the twelve (12) months immediately preceding such employment did in his/her capacity as a City officer or employee participate in negotiations with or otherwise have an influence on the selection of Contractor.

ARTICLE XI DISPUTE RESOLUTION

11.1 Mediation. If a dispute arises out of or relates to this Contract and cannot be settled through normal contract negotiations, Contractor and City shall use mandatory non-binding mediation before having recourse in a court of law.

11.2 Selection of Mediator. A single mediator that is acceptable to both parties shall be used to mediate the dispute. The mediator will be knowledgeable in the subject matter of this Contract, if possible.

11.3 Expenses. The expenses of witnesses for either side shall be paid by the party producing such witnesses. All other expenses of the mediation, including required traveling and other expenses of the mediator, and the cost of any proofs or expert advice produced at the direct request of the mediator, shall be borne equally by the parties, unless they agree otherwise.

11.4 Conduct of Mediation Sessions. Mediation hearings will be conducted in an informal manner and discovery will not be allowed. The discussions, statements, writings and admissions will be confidential to the proceedings (pursuant to California Evidence Code sections 1115 through 1128) and will not be used for any other purpose unless otherwise agreed by the parties

in writing. The parties may agree to exchange any information they deem necessary. Both parties shall have a representative attend the mediation who is authorized to settle the dispute, though City's recommendation of settlement may be subject to the approval of the Mayor and City Council. Either party may have attorneys, witnesses or experts present.

11.5 Mediation Results. Any agreements resulting from mediation shall be memorialized in writing. The results of the mediation shall not be final or binding unless otherwise agreed to in writing by the parties. Mediators shall not be subject to any subpoena or liability, and their actions shall not be subject to discovery.

ARTICLE XII MANDATORY ASSISTANCE

12.1 Mandatory Assistance. If a third party dispute or litigation, or both, arises out of, or relates in any way to the services provided to the City under a Contract, Contractor, its agents, officers, and employees agree to assist in resolving the dispute or litigation upon City's request. Contractor's assistance includes, but is not limited to, providing professional consultations, attending mediations, arbitrations, depositions, trials or any event related to the dispute resolution and/or litigation.

12.2 Compensation for Mandatory Assistance. City will compensate Contractor for fees incurred for providing Mandatory Assistance. If, however, the fees incurred for the Mandatory Assistance are determined, through resolution of the third party dispute or litigation, or both, to be attributable in whole, or in part, to the acts or omissions of Contractor, its agents, officers, and employees, Contractor shall reimburse City for all fees paid to Contractor, its agents, officers, and employees for Mandatory Assistance.

12.3 Attorneys' Fees Related to Mandatory Assistance. In providing City with dispute or litigation assistance, Contractor or its agents, officers, and employees may incur expenses and/or costs. Contractor agrees that any attorney fees it may incur as a result of assistance provided under Section 12.2 are not reimbursable.

ARTICLE XIII MISCELLANEOUS

13.1 Headings. All headings are for convenience only and shall not affect the interpretation of this Contract.

13.2 Non-Assignment. Contractor may not assign the obligations under this Contract, whether by express assignment or by sale of the company, nor any monies due or to become due under this Contract, without City's prior written approval. Any assignment in violation of this paragraph shall constitute a default and is grounds for termination of this Contract at the City's sole discretion. In no event shall any putative assignment create a contractual relationship between City and any putative assignee.

13.3 Independent Contractors. Contractor and any subcontractors employed by Contractor

are independent contractors and not agents of City. Any provisions of this Contract that may appear to give City any right to direct Contractor concerning the details of performing or providing the goods and/or services, or to exercise any control over performance of the Contract, shall mean only that Contractor shall follow the direction of City concerning the end results of the performance.

13.4 Subcontractors. All persons assigned to perform any work related to this Contract, including any subcontractors, are deemed to be employees of Contractor, and Contractor shall be directly responsible for their work.

13.5 Covenants and Conditions. All provisions of this Contract expressed as either covenants or conditions on the part of City or Contractor shall be deemed to be both covenants and conditions.

13.6 Compliance with Controlling Law. Contractor shall comply with all applicable local, state, and federal laws, regulations, and policies. Contractor's act or omission in violation of applicable local, state, and federal laws, regulations, and policies is grounds for contract termination. In addition to all other remedies or damages allowed by law, Contractor is liable to City for all damages, including costs for substitute performance, sustained as a result of the violation. In addition, Contractor may be subject to suspension, debarment, or both.

13.7 Governing Law. The Contract shall be deemed to be made under, construed in accordance with, and governed by the laws of the State of California without regard to the conflicts or choice of law provisions thereof.

13.8 Venue. The venue for any suit concerning solicitations or the Contract, the interpretation of application of any of its terms and conditions, or any related disputes shall be in the County of San Diego, State of California.

13.9 Successors in Interest. This Contract and all rights and obligations created by this Contract shall be in force and effect whether or not any parties to the Contract have been succeeded by another entity, and all rights and obligations created by this Contract shall be vested and binding on any party's successor in interest.

13.10 No Waiver. No failure of either City or Contractor to insist upon the strict performance by the other of any covenant, term or condition of this Contract, nor any failure to exercise any right or remedy consequent upon a breach of any covenant, term, or condition of this Contract, shall constitute a waiver of any such breach of such covenant, term or condition. No waiver of any breach shall affect or alter this Contract, and each and every covenant, condition, and term hereof shall continue in full force and effect without respect to any existing or subsequent breach.

13.11 Severability. The unenforceability, invalidity, or illegality of any provision of this Contract shall not render any other provision of this Contract unenforceable, invalid, or illegal.

13.12 Drafting Ambiguities. The parties acknowledge that they have the right to be advised by

legal counsel with respect to the negotiations, terms and conditions of this Contract, and the decision of whether to seek advice of legal counsel with respect to this Contract is the sole responsibility of each party. This Contract shall not be construed in favor of or against either party by reason of the extent to which each party participated in the drafting of the Contract.

13.13 Amendments. Neither this Contract nor any provision hereof may be changed, modified, amended or waived except by a written agreement executed by duly authorized representatives of City and Contractor. Any alleged oral amendments have no force or effect. The Purchasing Agent must sign all Contract amendments.

13.14 Conflicts Between Terms. If this Contract conflicts with an applicable local, state, or federal law, regulation, or court order, applicable local, state, or federal law, regulation, or court order shall control. Varying degrees of stringency among the main body of this Contract, the exhibits or attachments, and laws, regulations, or orders are not deemed conflicts, and the most stringent requirement shall control. Each party shall notify the other immediately upon the identification of any apparent conflict or inconsistency concerning this Contract.

13.15 Survival of Obligations. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with this Contract, as well as all continuing obligations indicated in this Contract, shall survive, completion and acceptance of performance and termination, expiration or completion of the Contract.

13.16 Confidentiality of Services. All services performed by Contractor, and any sub-contractor(s) if applicable, including but not limited to all drafts, data, information, correspondence, proposals, reports of any nature, estimates compiled or composed by Contractor, are for the sole use of City, its agents, and employees. Neither the documents nor their contents shall be released by Contractor or any subcontractor to any third party without the prior written consent of City. This provision does not apply to information that: (1) was publicly known, or otherwise known to Contractor, at the time it was disclosed to Contractor by City; (2) subsequently becomes publicly known through no act or omission of Contractor; or (3) otherwise becomes known to Contractor other than through disclosure by City.

13.17 Insolvency. If Contractor enters into proceedings relating to bankruptcy, whether voluntary or involuntary, Contractor agrees to furnish, by certified mail or electronic commerce method authorized by the Contract, written notification of the bankruptcy to the Purchasing Agent and the Contract Administrator responsible for administering the Contract. This notification shall be furnished within five (5) days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity of the court in which the bankruptcy petition was filed, and a listing of City contract numbers and contracting offices for all City contracts against which final payment has not been made. This obligation remains in effect until final payment is made under this Contract.

13.18 No Third Party Beneficiaries. Except as may be specifically set forth in this Contract, none of the provisions of this Contract are intended to benefit any third party not specifically referenced herein. No party other than City and Contractor shall have the right to enforce any of the provisions of this Contract.

13.19 Actions of City in its Governmental Capacity. Nothing in this Contract shall be interpreted as limiting the rights and obligations of City in its governmental or regulatory capacity.

City of San Diego
CONTRACTOR STANDARDS
Pledge of Compliance

The City of San Diego has adopted a Contractor Standards Ordinance (CSO) codified in section 22.3004 of the San Diego Municipal Code (SDMC). The City of San Diego uses the criteria set forth in the CSO to determine whether a contractor (bidder or proposer) has the capacity to fully perform the contract requirements and the business integrity to justify the award of public funds. This completed Pledge of Compliance signed under penalty of perjury must be submitted with each bid and proposal. If an informal solicitation process is used, the bidder must submit this completed Pledge of Compliance to the City prior to execution of the contract. All responses must be typewritten or printed in ink. If an explanation is requested or additional space is required, Contractors must provide responses on Attachment A to the Pledge of Compliance and sign each page. Failure to submit a signed and completed Pledge of Compliance may render a bid or proposal non-responsive. In the case of an informal solicitation or cooperative procurement, the contract will not be awarded unless a signed and completed Pledge of Compliance is submitted. A submitted Pledge of Compliance is a public record and information contained within will be available for public review except to the extent that such information is exempt from disclosure pursuant to applicable law.

By signing and submitting this form, the contractor is certifying, to the best of their knowledge, that the contractor and any of its Principals have not within a five (5) year period – preceding this offer, been convicted of or had a civil judgement rendered against them for commission of a fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public (Federal, State or local) contract or subcontract.

"Principal" means an officer, director, owner, partner or a person having primary management or supervisory responsibilities within the firm. The Contractor shall provide immediate written notice to the Procurement Contracting Officer handling the solicitation, at any time prior to award should they learn that this Representations and Certifications was inaccurate or incomplete.

This form contains 10 pages, additional information may be submitted as part of Attachment A.

A. BID/PROPOSAL/SOLICITATION TITLE:

10090062-24-M Ferric Chloride

B. BIDDER/PROPOSER INFORMATION:

Kemira Water Solutions, Inc.

| | | |
|-----------------------|---------------------------------------|----------------------|
| Legal Name | 4321 W. 6th St. Lawrence, KS 66049 | DBA |
| Street Address | Christina M. Imbrogno | City (785) 842-7434 |
| Contact Person, Title | Phone | State (785) 842-2629 |
| | | Fax |

Provide the name, identity, and precise nature of the interest* of all persons who are directly or indirectly involved** in this proposed transaction (SDMC § 21.0103). Use additional pages if necessary.

* The precise nature of the interest includes:

- the percentage ownership interest in a party to the transaction,
- the percentage ownership interest in any firm, corporation, or partnership that will receive funds from the transaction,
- the value of any financial interest in the transaction,
- any contingent interest in the transaction and the value of such interest should the contingency be satisfied, and
- any philanthropic, scientific, artistic, or property interest in the transaction.

** Directly or indirectly involved means pursuing the transaction by:

- communicating or negotiating with City officers or employees,
- submitting or preparing applications, bids, proposals or other documents for purposes of contracting with the City, or
- directing or supervising the actions of persons engaged in the above activity.

Christina Imbrogno
Name
Lawrence, KS
City and State of Residence
Commercial Support Manager
Title/Position
Submit and prepare bids, proposals and other documents
Interest in the transaction

Gayla Walker
Name
Lawrence, KS
City and State of Residence
Commercial Support Specialist
Title/Position
Submit and prepare bids, proposals and other documents
Interest in the transaction

Nikolai Alex
Name
Los Angeles, CA
City and State of Residence
Senior Account Manager
Title/Position
Communicate and negotiate with City officers or employees
Interest in the transaction

Name
Title/Position
City and State of Residence
Employer (if different than Bidder/Proposer)
Interest in the transaction

Name
Title/Position
City and State of Residence
Employer (if different than Bidder/Proposer)
Interest in the transaction

Name
Title/Position
City and State of Residence
Employer (if different than Bidder/Proposer)
Interest in the transaction

| | |
|-----------------------------|--|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

| | |
|-----------------------------|--|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

| | |
|-----------------------------|--|
| Name | Title/Position |
| City and State of Residence | Employer (if different than Bidder/Proposer) |
| Interest in the transaction | |

C. OWNERSHIP AND NAME CHANGES:

1. In the past five ten (5) years, has your firm changed its name?
☐ Yes ☒ No

If **Yes**, use Attachment A to list all prior legal and DBA names, addresses, and dates each firm name was used. Explain the specific reasons for each name change.

2. Is your firm a non-profit?
☐ Yes ☒ No

If **Yes**, attach proof of status to this submission.

3. In the past five (5) years, has a firm owner, partner, or officer operated a similar business?
☐ Yes ☒ No

If **Yes**, use Attachment A to list names and addresses of all businesses and the person who operated the business. Include information about a similar business only if an owner, partner, or officer of your firm holds or has held a similar position in another firm.

D. BUSINESS ORGANIZATION/STRUCTURE:

Indicate the organizational structure of your firm. Fill in only one section on this page. Use Attachment A if more space is required.

☒ **Corporation** Date incorporated: 7/11/2000 State of incorporation: Delaware
 List corporation's current officers: President: Michael Cavallaro
 Vice Pres: Susan B. Radcliffe
 Secretary: Susan B. Radcliffe
 Treasurer: Kasthun Ramkumar

Type of corporation: C ☒ Subchapter S ☐

Is the corporation authorized to do business in California: ☒ Yes ☐ No

If **Yes**, after what date: 1/16/2006

Is your firm a publicly traded corporation? ☒ Yes ☐ No

If Yes, how and where is the stock traded? Nasdaq Helsinki: Kemira

If Yes, list the name, title and address of those who own ten percent (10 %) or more of the corporation's stocks:

100% Kemira Europe Oy
Porvankatu 3
PO Box 330
00101 Helsinki, Finland

Do the President, Vice President, Secretary and/or Treasurer of your corporation have a third party interest or other financial interests in a business/enterprise that performs similar work, services or provides similar goods? ☐ Yes ☒ No

If Yes, please use Attachment A to disclose.

Please list the following:

| | Authorized | Issued | Outstanding |
|--|------------|--------|-------------|
|--|------------|--------|-------------|

| | | | |
|-------------------------------------|-------|--------|----------|
| a. Number of voting shares: | _____ | _____ | _____ |
| b. Number of nonvoting shares: | _____ | _____ | _____ |
| c. Number of shareholders: | | | _____ |
| d. Value per share of common stock: | | Par | \$ _____ |
| | | Book | \$ _____ |
| | | Market | \$ _____ |

Limited Liability Company Date formed: _____ State of formation: _____

List the name, title and address of members who own ten percent (10%) or more of the company:

☐ **Partnership** Date formed: _____ State of formation: _____

List names of all firm partners:

☐ **Sole Proprietorship** Date started: _____

List all firms you have been an owner, partner or officer with during the past five (5) years. Do not include ownership of stock in a publicly traded company:

☐ **Joint Venture** Date formed: _____

List each firm in the joint venture and its percentage of ownership:

Note: To be responsive, each member of a Joint Venture or Partnership must complete a separate *Contractor Standards form*.

E. FINANCIAL RESOURCES AND RESPONSIBILITY:

1. Is your firm preparing to be sold, in the process of being sold, or in negotiations to be sold?

☐ Yes ☒ No

If **Yes**, use Attachment A to explain the circumstances, including the buyer's name and principal contact information.

2. In the past five (5) years, has your firm been denied bonding?

☐ Yes ☒ No

If **Yes**, use Attachment A to explain specific circumstances; include bonding company name.

3. In the past five (5) years, has a bonding company made any payments to satisfy claims made against a bond issued on your firm's behalf or a firm where you were the principal?

☐ Yes ☒ No

If **Yes**, use Attachment A to explain specific circumstances.

4. In the past five (5) years, has any insurance carrier, for any form of insurance, refused to renew the insurance policy for your firm?

☐ Yes ☒ No

If **Yes**, use Attachment A to explain specific circumstances.

5. Within the last five years, has your firm filed a voluntary petition in bankruptcy, been adjudicated bankrupt, or made a general assignment for the benefit of creditors?

☐ Yes ☒ No

If **Yes**, use Attachment A to explain specific circumstances.

6. Are there any claims, liens or judgements that are outstanding against your firm?

☐ Yes ☒ No

If **Yes**, please use Attachment A to provide detailed information on the action.

7. Please provide the name of your principal financial institution for financial reference. By submitting a response to this Solicitation Contractor authorizes a release of credit information for verification of financial responsibility.

Name of Bank: Citi bank

Point of Contact: Daniel Gouger

Address: 388 Greenwich Street, New York, NY 10013

Phone Number: (302) 323-3600 Fax (302) 450-4392

8. By submitting a response to a City solicitation, Contractor certifies that he or she has sufficient operating capital and/or financial reserves to properly fund the requirements identified in the solicitation. At City's request, Contractor will promptly provide to City

a copy of Contractor's most recent balance sheet and/or other necessary financial statements to substantiate financial ability to perform.

9. In order to do business in the City of San Diego, a current Business Tax Certificate is required. Business Tax Certificates are issued by the City Treasurer's Office. If you do not have one at the time of submission, one must be obtained prior to award.

Business Tax Certificate No.: B2006012918 Year Issued: 2023

F. PERFORMANCE HISTORY:

1. In the past five (5) years, has your firm been found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for defaulting or breaching a contract with a government agency?

☐ Yes ☒ No

If Yes, use Attachment A to explain specific circumstances.

2. In the past five (5) years, has a public entity terminated your firm's contract for cause prior to contract completion?

☐ Yes ☒ No

If Yes, use Attachment A to explain specific circumstances and provide principal contact information.

3. In the past five (5) years, has your firm entered into any settlement agreement for any lawsuit that alleged contract default, breach of contract, or fraud with or against a public entity?

☐ Yes ☒ No

If Yes, use Attachment A to explain specific circumstances.

4. Is your firm currently involved in any lawsuit with a government agency in which it is alleged that your firm has defaulted on a contract, breached a contract, or committed fraud?

☐ Yes ☒ No

If Yes, use Attachment A to explain specific circumstances.

5. In the past five (5) years, has your firm, or any firm with which any of your firm's owners, partners, or officers is or was associated, been debarred, disqualified, removed, or otherwise prevented from bidding on or completing any government or public agency contract for any reason?

☐ Yes ☒ No

If Yes, use Attachment A to explain specific circumstances.

6. In the past five (5) years, has your firm received a notice to cure or a notice of default on a contract with any public agency?

☐ Yes ☒ No

If Yes, use Attachment A to explain specific circumstances and how the matter resolved.

7. Performance References:

Please provide a minimum of three (3) references familiar with work performed by your firm which was of a similar size and nature to the subject solicitation within the last five (5) years.

Please note that any references required as part of your bid/proposal submittal are in addition to those references required as part of this form.

Company Name: Orange County Sanitation District

Contact Name and Phone Number: Jackie Lagade (714) 593-7557
Contact Email: jlagade@ocsd.com
Address: 10844 Ellis Avenue, Fountain Valley, CA 92708
Contract Date: 11/1/24 - 4/30/24
Contract Amount: 2,000,000
Requirements of Contract: Supply and deliver Kemira PIX-311 (Ferric Chloride)

Company Name: City of Los Angeles - Hyperion
Contact Name and Phone Number: Benjamin Ocampo (310) 648-5665
Contact Email: benjamin.ocampo@lacity.org
Address: 111 E. First Street, Los Angeles, CA 90012
Contract Date: 8/1/23 - 7/31/24
Contract Amount: \$4,000,000
Requirements of Contract: Supply and deliver Kemira PIX-311 (Ferric Chloride)
Company Name: City of San Francisco
Contact Name and Phone Number: Ernie Molas (415) 428-7320
Contact Email: emolas@sandiego.gov
Address: 1 Dr. Carlton B. Goodlett Place, San Francisco, CA 94102
Contract Date: 7/1/22 - 6/30/25
Contract Amount: \$3,000,000
Requirements of Contract: Supply and deliver Kemira PIX-311 (Ferric Chloride)

G. COMPLIANCE:

1. In the past five (5) years, has your firm or any firm owner, partner, officer, executive, or manager been criminally penalized or found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for violating any federal, state, or local law in performance of a contract, including but not limited to, laws regarding health and safety, labor and employment, permitting, and licensing laws?

☐ Yes ☒ No

If Yes, use Attachment A to explain specific circumstances surrounding each instance. Include the name of the entity involved, the specific infraction(s) or violation(s), dates of instances, and outcome with current status.

2. In the past five (5) years, has your firm been determined to be non-responsible by a public entity?

☐ Yes ☒ No

If **Yes**, use Attachment A to explain specific circumstances of each instance. Include the name of the entity involved, the specific infraction, dates, and outcome.

H. BUSINESS INTEGRITY:

1. In the past five (5) years, has your firm been convicted of or found liable in a civil suit for making a false claim or material misrepresentation to a private or public entity?

☐ **Yes** ☒ **No**

If **Yes**, use Attachment A to explain specific circumstances of each instance. Include the entity involved, specific violation(s), dates, outcome and current status.

2. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a crime, including misdemeanors, or been found liable in a civil suit involving the bidding, awarding, or performance of a government contract?

☐ **Yes** ☒ **No**

If **Yes**, use Attachment A to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

3. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a federal, state, or local crime of fraud, theft, or any other act of dishonesty?

☐ **Yes** ☒ **No**

If **Yes**, use Attachment A to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

4. Do any of the Principals of your firm have relatives that are either currently employed by the City or were employed by the City in the past five (5) years?

☐ **Yes** ☒ **No**

If **Yes**, please disclose the names of those relatives in Attachment A.

I. BUSINESS REPRESENTATION:

1. Are you a local business with a physical address within the County of San Diego?

☐ **Yes** ☒ **No**

2. Are you a certified Small and Local Business Enterprise certified by the City of San Diego?

☐ **Yes** ☒ **No**

Certification # _____

3. Are you certified as any of the following:

a. Disabled Veteran Business Enterprise Certification # _____

b. Woman or Minority Owned Business Enterprise Certification # _____

c. Disadvantaged Business Enterprise Certification # _____

J. WAGE COMPLIANCE:

In the past five (5) years, has your firm been required to pay back wages or penalties for failure to comply with the federal, state or local prevailing, minimum, or living wage laws? ☐ **Yes** ☒ **No** If **Yes**, use Attachment A to explain the specific circumstances of each instance. Include the entity involved, the specific infraction(s), dates, outcome, and current status.

By signing this Pledge of Compliance, your firm is certifying to the City that you will comply with the requirements of the Equal Pay Ordinance set forth in SDMC sections 22.4801 through 22.4809.

K. STATEMENT OF SUBCONTRACTORS & SUPPLIERS:

Please provide the names and information for all subcontractors and suppliers used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment A if additional pages are necessary. If no subcontractors or suppliers will be used, please write "Not Applicable."

Company Name: N/A, we will not use subcontractors

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: \$ _____ (per year) \$ _____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply): ☐ DBE ☐ DVBE ☐ ELBE ☐ MBE ☐ SLBE ☐ WBE ☐ Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

Company Name: _____

Address: _____

Contact Name: _____ Phone: _____ Email: _____

Contractor License No.: _____ DIR Registration No.: _____

Sub-Contract Dollar Amount: \$ _____ (per year) \$ _____ (total contract term)

Scope of work subcontractor will perform: _____

Identify whether company is a subcontractor or supplier: _____

Certification type (check all that apply): ☐ DBE ☐ DVBE ☐ ELBE ☐ MBE ☐ SLBE ☐ WBE ☐ Not Certified

Contractor must provide valid proof of certification with the response to the bid or proposal to receive participation credit.

L. STATEMENT OF AVAILABLE EQUIPMENT:

A full inventoried list of all necessary equipment to complete the work specified may be a requirement of the bid/proposal submission.

By signing and submitting this form, the Contractor certifies that all required equipment included in this bid or proposal will be made available one week (7 days) before work shall commence. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San

Diego reserves the right to reject any response, in its opinion, if the Contractor has not demonstrated he or she will be properly equipped to perform the work in an efficient, effective manner for the duration of the contract period.

M. TYPE OF SUBMISSION: This document is submitted as:

- ☒ Initial submission of *Contractor Standards Pledge of Compliance*
- ☐ Initial submission of *Contractor Standards Pledge of Compliance* as part of a Cooperative agreement
- ☐ Initial submission of *Contractor Standards Pledge of Compliance* as part of a Sole Source agreement
- ☐ Update of prior *Contractor Standards Pledge of Compliance* dated _____.

Complete all questions and sign below.

Under penalty of perjury under the laws of the State of California, I certify that I have read and understand the questions contained in this Pledge of Compliance, that I am responsible for completeness and accuracy of the responses contained herein, and that all information provided is true, full and complete to the best of my knowledge and belief. I agree to provide written notice to the Purchasing Agent within five (5) business days if, at any time, I learn that any portion of this Pledge of Compliance is inaccurate. Failure to timely provide the Purchasing Agent with written notice is grounds for Contract termination.

I, on behalf of the firm, further certify that I and my firm will comply with the following provisions of SDMC section 22.3004:

- (a) I and my firm will comply with all applicable local, State and Federal laws, including health and safety, labor and employment, and licensing laws that affect the employees, worksite or performance of the contract.
- (b) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of receiving notice that a government agency has begun an investigation of me or my firm that may result in a finding that I or my firm is or was not in compliance with laws stated in paragraph (a).
- (c) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of a finding by a government agency or court of competent jurisdiction of a violation by the Contractor of laws stated in paragraph (a).
- (d) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of becoming aware of an investigation or finding by a government agency or court of competent jurisdiction of a violation by a subcontractor of laws stated in paragraph (a).
- (e) I and my firm will cooperate fully with the City during any investigation and to respond to a request for information within ten (10) working days.

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed *Pledge of Compliance* is submitted.

Christina M. Imbrogno
Commercial Support Manager

Name and Title



Signature

1/5/24

Date

**City of San Diego
CONTRACTOR STANDARDS
Attachment "A"**

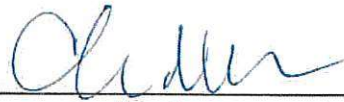
Provide additional information in space below. Use additional Attachment "A" pages as needed. Each page must be signed. Print in ink or type responses and indicate question being answered.

I have read the matters and statements made in this Contractor Standards Pledge of Compliance and attachments thereto and I know the same to be true of my own knowledge, except as to those matters stated upon information or belief and as to such matters, I believe the same to be true. I certify under penalty of perjury that the foregoing is true and correct.

Christina M. Imbrogno

Commercial Support Manager

Print Name, Title



Signature

1/5/24

Date

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

GOODS AND SERVICES CONTRACTOR REQUIREMENTS

I. City's Equal Opportunity Contracting Commitment.

The City of San Diego (City) promotes equal employment and subcontracting opportunities. The City is committed to ensuring that taxpayer dollars spent on public contracts are not paid to businesses that practice discrimination in employment or subcontracting. The City encourages all companies seeking to do business with the City to share this commitment. Contractors are encouraged to take positive steps to diversify and expand their subcontractor and supplier solicitation base and to offer opportunities to all eligible business firms.

Contractors must submit the required EOCP documentation indicated below with their bids. Contractors who fail to provide the required EOCP documentation are considered non-responsive.

II. Definitions.

Commercially Useful Function: a Small Local Business Enterprise or Emerging Local Business Enterprise (SLBE/ELBE) performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the SLBE/ELBE shall also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether a SLBE/ELBE is performing a commercially useful function, an evaluation will be performed of the amount of work subcontracted, normal industry practices, whether the amount the SLBE/ELBE firm is to be paid under the contract is commensurate with the work it is actually performing and the SLBE/ELBE credit claimed for its performance of the work, and other relevant factors. Specifically, a SLBE/ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE/ELBE participation, when in similar transactions in which SLBE/ELBE firms do not participate, there is no such role performed.

Disadvantaged Business Enterprise (DBE): a certified business that is (1) at least fifty-one (51%) owned by socially and economically Disadvantaged Individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more socially and economically Disadvantaged Individuals; and (2) whose daily business operations are managed and directed by one or more socially and economically disadvantaged owners. Disadvantaged Individuals include Black Americans, Hispanic Americans, Asian Americans, and other minorities, or individual found to be disadvantaged by the Small Business Administration pursuant to Section 8 of the Small Business Reauthorization Act.

Disabled Veteran: Disabled Veteran Business Enterprise (DVBE): a certified business that is (1) at least fifty-one percent (51%) owned by one or more Disabled Veterans; and (2) business operations must be managed and controlled by one or more Disabled Veterans. A Disabled Veteran is a veteran of the U.S. military, naval, or air service who resides in California and has a service-connected disability of at least 10% or more. The firm shall be certified by the State of California's Department of General Services, Office of Small and Minority Business.

Emerging Business Enterprise (EBE): a business whose gross annual receipts do not exceed the amount set by the City Manager, and which meets all other criteria set forth in regulations implementing the City's Small and Local Business Preference Program. The City Manager shall review the threshold amount for EBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace.

Emerging Local Business Enterprise (ELBE): a Local Business Enterprise that is also an Emerging Business Enterprise.

Local Business Enterprise (LBE): a business that has both a principle place of business and a significant employment presence in the County of San Diego, and that has been in operation for twelve (12) consecutive months.

Minority Business Enterprise (MBE): a certified business that is (1) at least fifty-one percent (51%) owned by one or more minority individuals, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more minority individuals; and (2) whose daily business operations are managed and directed by one or more minority owners. Minorities include the groups with the following ethnic origins: African, Asian Pacific, Asian Subcontinent, Hispanic, Native Alaskan, Native American, and Native Hawaiian.

Other Business Enterprise (OBE): any business which does not otherwise qualify as Minority, Woman, Disadvantaged, or Disabled Veteran Business Enterprise.

Principle Place of Business: a location wherein a business maintains a physical office and through which it obtains no less than fifty percent (50%) of its gross annual receipts.

Significant Employee Presence: no less than twenty-five percent (25%) of a business's total number of employees.

Small Business Enterprise (SBE): a business whose gross annual receipts do not exceed the amount set by the City Manager, and that meets all other criteria set forth in regulations implementing the City's Small and Local Business Preference Program. The City Manager shall review the threshold amount for SBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace. A business certified as a DVBE by the State of California, and that has provided proof of such certification to the City Manager, shall be deemed to be an SBE.

Small Local Business Enterprise (SLBE): a Local Business Enterprise that is also a Small Business Enterprise.

Women Business Enterprise (WBE): a certified business that is (1) at least fifty-one percent (51 %) owned by a woman or women, or, in the case of a publicly owned business at least fifty-one percent (51%) of the stock is owned by one or more women; and (2) whose daily business operations are managed and directed by one or more women owners.

III. Disclosure of Discrimination Complaints.

As part of its bid, Contractor shall provide to the City a list of all instances within the past ten (10) years where a complaint was filed or pending against Contractor in a legal or administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken. (Attachment AA).

IV. Workforce Report and Equal Opportunity Outreach Plan.

- A. Work Force Report. Contractors shall submit with their bid a Work Force Report (WFR) for approval by the City. (Attachment BB). If the City determines that there are under representations when compared to County Labor Force Availability data, then the Contractor will also be required to submit an Equal Employment Opportunity Plan (EEOP) to the City for approval. Questions regarding the WFR should be directed to the Equal Opportunity Contracting Department.
- B. Duty to Comply with Equal Opportunity Outreach Plan. A Contractor for whom an EEOP has been approved by the City shall use best efforts to comply with that EEOP.

V. Small and Local Business Program Requirements.

The City has adopted a Small and Local Business Preference Program for goods and services contracts. The SLBE requirements are set forth in Council Policy 100-10. For goods, services, and consultant contracts in which the Purchasing Agent is required to advertise for sealed bids in the City's official newspaper:

- A. The City shall apply a bid discount in the way of:
 - a. Five percent (5%) discount off the bid price for SLBE or ELBE prime contractors; or
 - b. Five percent (5%) discount off the bid price for prime contractors achieving the voluntary goal of twenty percent (20%) for SLBE or ELBE subcontractor participation set forth in Subsection B below.

The discount will not apply if an award to the discounted bidder would result in a total contract cost of \$50,000 in excess of the low, non-discounted bid. In the event of a tie between a discounted bidder and non-

discounted bidder, the discounted bidder will be awarded the contract. The discount shall be taken off the total contract value, including contract option years.

- B. Include a voluntary subcontractor participation requirement of 20% of the total bid price for SLBE or ELBEs.

VI. Maintaining Participation Levels.

- A. Bid discounts are based on the bidder's level of participation proposed prior to the award of the goods, services, or consultant contract. Bidders are required to achieve and maintain the SLBE or ELBE participation levels throughout the duration of the goods, services, or consultant contract.
- B. If the City modifies the original specifications, the bidder shall make reasonable efforts to maintain the SLBE or ELBE participation for which the bid discount was awarded. The City must approve in writing a reduction in SLBE or ELBE participation levels.
- C. Bidder shall notify and obtain written approval from the City in advance of any reduction in subcontract scope, termination, or substitution for a designated SLBE or ELBE subcontractor.
- D. Bidder's failure to maintain SLBE or ELBE participation levels as specified in the goods, services, or consultant contract shall constitute a default and grounds for debarment under Chapter 2, Article 2, Division 8, of the San Diego Municipal Code.
- E. The remedies available to the City under Council Policy 100-10 are cumulative to all other rights and remedies available to the City.

VII. Certifications.

The City accepts certifications of MBE, WBE, DBE, or DVBE from the following certifying agencies:

- A. Current certification by the State of California Department of Transportation (CALTRANS) as DBE.
- B. Current MBE or WBE certification from the California Public Utilities Commission.
- C. DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.
- D. Current certification by the City of Los Angeles as DBE, WBE, or MBE.

Subcontractors' valid proof of certification status e.g., copy of MBE, WBE, DBE, or DVBE certification must be submitted with the ITB. MBE, WBE, DBE, or DVBE certifications are listed for informational purposes only.

VIII. List of Attachments.

- AA. Contractors Certification of Pending Actions
- BB. Work Force Report

EQUAL OPPORTUNITY CONTRACTING (EOC)

1200 Third Avenue, Suite 200 • San Diego, CA 92101

Phone: (619) 236-6000 • Fax: (619) 236-5904

BB. WORK FORCE REPORT

The objective of the Equal Employment Opportunity Outreach Program, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed Work Force Report (WFR).

NO OTHER FORMS WILL BE ACCEPTED

CONTRACTOR IDENTIFICATION

Type of Contractor: ☐ Construction ☒ Vendor/Supplier ☐ Financial Institution ☐ Lessee/Lessor
☐ Consultant ☐ Grant Recipient ☐ Insurance Company ☐ Other

Name of Company: Kemira Water Solutions, Inc.

ADA/DBA: _____

Address (Corporate Headquarters, where applicable): 1000 Parkwood Circle, Suite 500

City: Atlanta County: Fulton State: GA Zip: 30339

Telephone Number: (785) 842-7424 Fax Number: (785) 842-2029

Name of Company CEO: Peter Castrejon

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: None

City: _____ County: _____ State: _____ Zip: _____

Telephone Number: _____ Fax Number: _____ Email: _____

Type of Business: Manufacturer Type of License: Business

The Company has appointed: Erskine Burkett

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 1000 Parkwood Circle, Suite 500, Atlanta, GA 30339

Telephone Number: (678) 819-4687 Fax Number: (678) 819-4588 Email: erskine.burkett@kemira.com

☐ One San Diego County (or Most Local County) Work Force - Mandatory

☒ Branch Work Force *

☐ Managing Office Work Force

Check the box above that applies to this WFR.

*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.

I, the undersigned representative of Kemira Water Solutions, Inc.

Douglas (County) Kansas (Firm Name) (State) hereby certify that information provided

herein is true and correct. This document was executed on this 5 day of January, 2024

Christina M. Imbrogno

(Authorized Signature) (Print Authorized Signature Name)

WORK FORCE REPORT - Page 2

NAME OF FIRM: Remira Water Solutions, Inc. DATE: 1/5/24
 OFFICE(S) or BRANCH(ES): Lawrence, KS COUNTY: Douglas

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- | | |
|--------------------------------------|---|
| (1) Black or African-American | (5) Native Hawaiian or Pacific Islander |
| (2) Hispanic or Latino | (6) White |
| (3) Asian | (7) Other race/ethnicity; not falling into other groups |
| (4) American Indian or Alaska Native | |

Definitions of the race and ethnicity categories can be found on Page 4

| ADMINISTRATION OCCUPATIONAL CATEGORY | (1) Black or African American | | (2) Hispanic or Latino | | (3) Asian | | (4) American Indian/ Nat. Alaskan | | (5) Pacific Islander | | (6) White | | (7) Other Race/ Ethnicity | |
|---|--|-----|------------------------------|-----|--------------|-----|--|-----|----------------------------|-----|--------------|-----|---------------------------------|-----|
| | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) |
| Management & Financial | | | | | | | | | | | | 1 | | |
| Professional | | | | 1 | | | | | | | | 1 | | |
| A&E, Science, Computer | | | | | | | | | | | | | | |
| Technical | | | | | | | | | | | | | | |
| Sales | | | | | | | | | | | | | | |
| Administrative Support | | | | | | | | | | | | 1 | | |
| Services | | | | | | | | | | | | | | |
| Crafts | | | | | | | | | | | | | | |
| Operative Workers | | | | | | | | | | | | | | |
| Transportation | | | | | | | | | | | | | | |
| Laborers* | | | | | | | | | | | | | | |

*Construction laborers and other field employees are not to be included on this page

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|---|--|--|--|--|--|--|--|---|--|--|
| Totals Each Column | | | | 1 | | | | | | | | 3 | | |
|--------------------|--|--|--|---|--|--|--|--|--|--|--|---|--|--|

Grand Total All Employees 4

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

| | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Disabled | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Non-Profit Organizations Only:

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Board of Directors | | | | | | | | | | | | | | |
| Volunteers | | | | | | | | | | | | | | |
| Artists | | | | | | | | | | | | | | |

WORK FORCE REPORT – Page 3

NAME OF FIRM: _____ DATE: _____

OFFICE(S) or BRANCH(ES): _____ COUNTY: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- | | |
|--------------------------------------|---|
| (1) Black or African-American | (5) Native Hawaiian or Pacific Islander |
| (2) Hispanic or Latino | (6) White |
| (3) Asian | (7) Other race/ethnicity; not falling into other groups |
| (4) American Indian or Alaska Native | |

Definitions of the race and ethnicity categories can be found on Page 4

| TRADE OCCUPATIONAL CATEGORY | (1) Black or African American | | (2) Hispanic or Latino | | (3) Asian | | (4) American Indian/ Nat. Alaskan | | (5) Pacific Islander | | (6) White | | (7) Other Race/ Ethnicity | |
|---|--|-----|------------------------------|-----|--------------|-----|---|-----|----------------------------|-----|--------------|-----|---------------------------------|-----|
| | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) | (M) | (F) |
| Brick, Block or Stone Masons | | | | | | | | | | | | | | |
| Carpenters | | | | | | | | | | | | | | |
| Carpet, Floor & Tile Installers Finishers | | | | | | | | | | | | | | |
| Cement Masons, Concrete Finishers | | | | | | | | | | | | | | |
| Construction Laborers | | | | | | | | | | | | | | |
| Drywall Installers, Ceiling Tile Inst | | | | | | | | | | | | | | |
| Electricians | | | | | | | | | | | | | | |
| Elevator Installers | | | | | | | | | | | | | | |
| First-Line Supervisors/Managers | | | | | | | | | | | | | | |
| Glaziers | | | | | | | | | | | | | | |
| Helpers; Construction Trade | | | | | | | | | | | | | | |
| Millwrights | | | | | | | | | | | | | | |
| Misc. Const. Equipment Operators | | | | | | | | | | | | | | |
| Painters, Const. & Maintenance | | | | | | | | | | | | | | |
| Pipelayers, Plumbers, Pipe & Steam Fitters | | | | | | | | | | | | | | |
| Plasterers & Stucco Masons | | | | | | | | | | | | | | |
| Roofers | | | | | | | | | | | | | | |
| Security Guards & Surveillance Officers | | | | | | | | | | | | | | |
| Sheet Metal Workers | | | | | | | | | | | | | | |
| Structural Metal Fabricators & Fitters | | | | | | | | | | | | | | |
| Welding, Soldering & Brazing Workers | | | | | | | | | | | | | | |
| Workers, Extractive Crafts, Miners | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Totals Each Column | | | | | | | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| | |
|---------------------------|--|
| Grand Total All Employees | |
|---------------------------|--|

Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:

| | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Disabled | | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Work Force Report

HISTORY

The Work Force Report (WFR) is the document that allows the City of San Diego to analyze the work forces of all firms wishing to do business with the City. We are able to compare the firm's work force data to County Labor Force Availability (CLFA) data derived from the United States Census. CLFA data is a compilation of lists of occupations and includes the percentage of each ethnicity we track (American Indian or Alaska Native, Asian, Black or African-American, Native Hawaiian or Pacific Islander, White, and Other) for each occupation. Currently, our CLFA data is taken from the 2010 Census. In order to compare one firm to another, it is important that the data we receive from the consultant firm is accurate and organized in the manner that allows for this fair comparison.

WORK FORCE & BRANCH WORK FORCE REPORTS

When submitting a WFR, especially if the WFR is for a specific project or activity, we would like to have information about the firm's work force that is actually participating in the project or activity. That is, if the project is in San Diego and the work force is from San Diego, we want a San Diego County Work Force Report¹. By the same token, if the project is in San Diego, but the work force is from another county, such as Orange or Riverside County, we want a Work Force Report from that county². If participation in a San Diego project is by work forces from San Diego County and, for example, from Los Angeles County and from Sacramento County, we ask for separate Work Force Reports representing your firm from each of the three counties.

MANAGING OFFICE WORK FORCE

Equal Opportunity Contracting may occasionally ask for a Managing Office Work Force (MOWF) Report. This may occur in an instance where the firm involved is a large national or international firm but the San Diego or other local work force is very small. In this case, we may ask for both a local and a MOWF Report^{1, 3}. In another case, when work is done only by the Managing Office, only the MOWF Report may be necessary.³

TYPES OF WORK FORCE REPORTS:

Please note, throughout the preceding text of this page, the superscript numbers one ¹, two ² & three ³. These numbers coincide with the types of work force report required in the example. See below:

- ¹ One San Diego County (or Most Local County) Work Force – Mandatory in most cases
- ² Branch Work Force *
- ³ Managing Office Work Force

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

RACE/ETHNICITY CATEGORIES

American Indian or Alaska Native – A person having origins in any of the peoples of North and South America (including Central America) and who maintains tribal affiliation or community attachment.

Asian – A person having origins in any of the peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.

Black or African American – A person having origins in any of the Black racial groups of Africa.

Native Hawaiian or Pacific Islander – A person having origins in any of the peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

White – A person having origins in any of the peoples of Europe, the Middle East, or North Africa.

Hispanic or Latino – A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin.

Exhibit A: Work Force Report Job Categories – Administration

Refer to this table when completing your firm's Work Force Report form(s).

Management & Financial

Advertising, Marketing, Promotions, Public
Relations, and Sales Managers
Business Operations Specialists
Financial Specialists
Operations Specialties Managers
Other Management Occupations
Top Executives

Professional

Art and Design Workers
Counselors, Social Workers, and Other Community
and Social Service Specialists
Entertainers and Performers, Sports and Related
Workers
Health Diagnosing and Treating Practitioners
Lawyers, Judges, and Related Workers
Librarians, Curators, and Archivists
Life Scientists
Media and Communication Workers
Other Teachers and Instructors
Postsecondary Teachers
Primary, Secondary, and Special Education School
Teachers
Religious Workers
Social Scientists and Related Workers

Architecture & Engineering, Science, Computer

Architects, Surveyors, and Cartographers
Computer Specialists
Engineers
Mathematical Science Occupations
Physical Scientists

Technical

Drafters, Engineering, and Mapping Technicians
Health Technologists and Technicians
Life, Physical, and Social Science Technicians
Media and Communication Equipment Workers

Sales

Other Sales and Related Workers
Retail Sales Workers
Sales Representatives, Services
Sales Representatives, Wholesale and
Manufacturing
Supervisors, Sales Workers

Administrative Support

Financial Clerks
Information and Record Clerks
Legal Support Workers

Material Recording, Scheduling, Dispatching,
and Distributing Workers
Other Education, Training, and Library
Occupations
Other Office and Administrative Support
Workers
Secretaries and Administrative Assistants
Supervisors, Office and Administrative Support
Workers

Services

Building Cleaning and Pest Control Workers
Cooks and Food Preparation Workers
Entertainment Attendants and Related
Workers
Fire Fighting and Prevention Workers
First-Line Supervisors/Managers, Protective
Service Workers
Food and Beverage Serving Workers
Funeral Service Workers
Law Enforcement Workers
Nursing, Psychiatric, and Home Health Aides
Occupational and Physical Therapist Assistants
and Aides
Other Food Preparation and Serving Related
Workers
Other Healthcare Support Occupations
Other Personal Care and Service Workers
Other Protective Service Workers
Personal Appearance Workers
Supervisors, Food Preparation and Serving
Workers
Supervisors, Personal Care and Service
Workers
Transportation, Tourism, and Lodging
Attendants

Crafts

Construction Trades Workers
Electrical and Electronic Equipment
Mechanics, Installers, and Repairers
Extraction Workers
Material Moving Workers
Other Construction and Related Workers
Other Installation, Maintenance, and Repair
Occupations
Plant and System Operators
Supervisors of Installation, Maintenance, and
Repair Workers
Supervisors, Construction and Extraction
Workers
Vehicle and Mobile Equipment Mechanics,

Installers, and Repairers
Woodworkers

Operative Workers

Assemblers and Fabricators
Communications Equipment Operators
Food Processing Workers
Metal Workers and Plastic Workers
Motor Vehicle Operators
Other Production Occupations
Printing Workers
Supervisors, Production Workers
Textile, Apparel, and Furnishings Workers

Transportation

Air Transportation Workers
Other Transportation Workers
Rail Transportation Workers
Supervisors, Transportation and Material
Moving Workers
Water Transportation Workers

Laborers

Agricultural Workers
Animal Care and Service Workers
Fishing and Hunting Workers
Forest, Conservation, and Logging Workers
Grounds Maintenance Workers
Helpers, Construction Trades
Supervisors, Building and Grounds Cleaning
and Maintenance Workers
Supervisors, Farming, Fishing, and Forestry
Workers

Exhibit B: Work Force Report Job Categories-Trade

Brick, Block or Stone Masons
Brickmasons and Blockmasons
Stonemasons

Carpenters

Carpet, floor and Tile Installers and Finishers
Carpet Installers
Floor Layers, except Carpet, Wood and Hard
Tiles
Floor Sanders and Finishers
Tile and Marble Setters

Cement Masons, Concrete Finishers
Cement Masons and Concrete Finishers
Terrazzo Workers and Finishers

Construction Laborers

Drywall Installers, Ceiling Tile Inst
Drywall and Ceiling Tile Installers
Tapers

Electricians

Elevator Installers and Repairers

First-Line Supervisors/Managers
First-line Supervisors/Managers of
Construction Trades and Extraction Workers

Glaziers

Helpers, Construction Trade
Brickmasons, Blockmasons, and Tile and
Marble Setters
Carpenters
Electricians
Painters, Paperhangers, Plasterers and Stucco
Pipelayers, Plumbers, Pipefitters and
Steamfitters
Roofers
All other Construction Trades

Millwrights

Heating, Air Conditioning and Refrigeration

Mechanics and Installers

Mechanical Door Repairers

Control and Valve Installers and Repairers

Other Installation, Maintenance and Repair
Occupations

Misc. Const. Equipment Operators

Paving, Surfacing and Tamping Equipment
Operators

Pile-Driver Operators

Operating Engineers and Other Construction
Equipment Operators

Painters, Const. Maintenance

Painters, Construction and Maintenance

Paperhangers

Pipelayers and Plumbers

Pipelayers

Plumbers, Pipefitters and Steamfitters

Plasterers and Stucco Masons**Roofers****Security Guards & Surveillance Officers****Sheet Metal Workers****Structural Iron and Steel Workers****Welding, Soldering and Brazing Workers**

Welders, Cutter, Solderers and Brazers

Welding, Soldering and Brazing Machine
Setter, Operators and Tenders

Workers, Extractive Crafts, Miners

Kemira

Where water
meets chemistry™

Analysis from ¹
Submitted sample

CERTIFICATE OF ANALYSIS
KEMIRA PIX-311
Ferric Chloride

Date: 1/8/2024

Lot #: 1016230201

| Analysis | Result |
|-------------------|--------|
| % Ferric | 13.45 |
| % Ferric Chloride | 39.07 |
| % Ferrous | <0.05 |
| %Ferrous Chloride | <0.11 |
| %HCl | 0.11 |
| Specific Gravity | 1.418 |

This is to certify that the product represented by sample has been tested by careful analytical procedures.
Analysis performed at Kemira East Chicago by: MK & JD

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SECTION 1. IDENTIFICATION

Product identifier

Trade name : KEMIRA PIX-311
Other means of identification : Iron (III) chloride solution

Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-stance/Mixture : Water treatment chemical,
Recommended restrictions on use : Do not use for other purposes than the identified uses.

Manufacturer or supplier's details

Company name of supplier : Kemira Water Solutions, Inc.
Address : 1000 Parkwood Circle, Suite 500
Atlanta GA 30339
Telephone : (770) 436-1542
Telefax : (770) 436-3432
E-mail address of person responsible for the SDS : us-customerservice@kemira.com
Emergency telephone number : CHEMTREC (24 Hours): 1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Corrosive to metals : Category 1
Acute toxicity (Oral) : Category 4
Skin Irritation : Category 2
Serious eye damage : Category 1

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.

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Precautionary statements

Prevention:

P234 Keep only in original container.
P264 Wash face, hands and any exposed skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P390 Absorb spillage to prevent material damage.

Storage:

P406 Store in corrosive resistant container with a resistant inner liner.

Disposal:

P501 Dispose of contents/container as special waste in compliance with local and national regulations.

Other hazards

Heating above the decomposition temperature can cause formation of hydrogen chloride.
May lower the pH of water and thus be harmful to aquatic organisms.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture
Chemical nature : Iron (III) chloride solution

Components

| Chemical name | CAS-No. | Concentration (% w/w) |
|-------------------|-----------|-----------------------|
| Iron trichloride | 7705-08-0 | > 35 - < 45 |
| Hydrochloric acid | 7647-01-0 | <= 2 |

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.

If inhaled : Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position.
If symptoms persist, seek medical advice.

In case of skin contact : Take off all contaminated clothing immediately.
Wash off immediately with plenty of water for at least 15

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| | |
|---|--|
| In case of eye contact | : minutes. If skin irritation persists, call a physician. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of contact, immediately flush eyes with plenty of water for at least 30 minutes. Rinse immediately with plenty of water, also under the eyelids. Prevent rinsing water from flowing into the other eye. Remove contact lenses, if present and easy to do. Continue rinsing. Continue rinsing eyes during transport to hospital. |
| If swallowed | : If swallowed, DO NOT induce vomiting. Rinse mouth with water. Get medical advice/ attention if you feel unwell. |
| Most important symptoms and effects, both acute and delayed | : Effects are immediate and delayed. Inhalation may provoke the following symptoms: No symptoms known or expected. Skin contact may provoke the following symptoms: Skin irritation skin rash Eye contact may provoke the following symptoms Corrosive to eyes and may cause severe damage including blindness. Ingestion may provoke the following symptoms: Harmful by ingestion. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Gastrointestinal discomfort Chronic Symptoms: None known. |
| Protection of first-aiders | : First Aid responders should pay attention to self-protection and use the recommended protective clothing |
| Notes to physician | : Symptomatic treatment. Rinse with plenty of water. |

SECTION 5. FIREFIGHTING MEASURES

| | |
|---|--|
| Suitable extinguishing media | : Not combustible. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | : No special requirements. |
| Specific hazards during fire-fighting | : Heating above the decomposition temperature can cause formation of hydrogen chloride. |
| Further information | : If possible remove containers / tanks from the dangerous area. Cool containers/tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. |
| Special protective equipment for firefighters | : Exposure to decomposition products may be a hazard to health. In the event of fire, wear self-contained breathing apparatus. |

SECTION 6. ACCIDENTAL RELEASE MEASURES

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-
- Personal precautions, protective equipment and emergency procedures : Keep unnecessary and unprotected personnel from entering the involved area.
Ensure adequate ventilation.
Wear respiratory protection.
Use personal protective equipment.
Wear suitable protective clothing, gloves and eye/face protection.
- Environmental precautions : Do not allow uncontrolled discharge of product into the environment.
- Methods and materials for containment and cleaning up : Clean-up methods - small spillage

Dilute residues with water and then neutralize with lime or limestone powder to a solid consistency.
Shovel or sweep up.
Must be disposed of in accordance with local and national regulations.
- Clean-up methods - large spillage

Remove spill using a vacuum truck.
Dilute residues with water and then neutralize with lime or limestone powder to a solid consistency.
Shovel or sweep up remaining material.
Must be disposed of in accordance with local and national regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice.
The work place and work methods shall be organized in such a way that direct contact with the product is prevented or minimized.
Avoid contact with skin, eyes and clothing.
In case of insufficient ventilation, wear suitable respiratory equipment.
Wear personal protective equipment.
Wear suitable gloves and eye/face protection.
Keep away from incompatible materials.
May be corrosive to metals.
Bases
Strong oxidizing agents
- Conditions for safe storage : Keep away from incompatible materials.
Ensure adequate ventilation.
For quality reasons:
Keep at temperatures above 0 °C.
Keep at temperatures below 30 °C.
- Materials to avoid : Metals
Bases
Strong acids
Oxidizing agents
Reducing agents

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sulphites

Packaging material : Suitable material: plastic (PE, PP, PVC), fiberglass-reinforced polyester, rubber-coated steel
Unsuitable material: Avoid contact with unalloyed steel or galvanized surfaces., stainless steel (AISI 304), materials not resistant to acid, Copper, Aluminium, Iron, Zinc, brass, titanium

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|-------------------|-----------|----------------------------------|--|-----------|
| Iron trichloride | 7705-08-0 | TWA | 1 mg/m ³ (Iron) | ACGIH |
| | | TWA | 1 mg/m ³ (Iron) | OSHA P0 |
| | | TWA | 1 mg/m ³ (Iron) | NIOSH REL |
| Hydrochloric acid | 7647-01-0 | C | 2 ppm | ACGIH |
| | | C | 5 ppm 7 mg/m ³ | NIOSH REL |
| | | C | 5 ppm 7 mg/m ³ | OSHA Z-1 |
| | | C | 5 ppm 7 mg/m ³ | OSHA P0 |

Engineering measures : Ensure adequate ventilation.**Personal protective equipment****Respiratory protection** : Respiratory protection is not required under normal handling conditions.**Hand protection****Remarks** : Protective gloves and Chemical resistant gloves.**Eye protection** : Wear eye protection/ face protection.
Tightly fitting safety goggles or face-shield.**Skin and body protection** : Wear protective clothing if necessary.
Use rubber boots.
face shield**Protective measures** : Ensure adequate ventilation, especially in confined areas.
Ensure that eyewash stations and safety showers are close to the workstation location.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance** : liquid**Colour** : dark brown**Odour** : slightly acidic

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| | |
|--|--|
| Odour Threshold | : No data available |
| pH | : < 1 (68 °F / 20 °C) Concentration: 100 % |
| Freezing point | : -4 °F / -20 °C |
| Melting point | : No data available |
| Boiling point/boiling range | : 212 - 228 °F / 100 - 109 °C |
| Flash point | : Not applicable Inorganic compound |
| Flammability (liquids) | : Not flammable |
| Upper explosion limit / Upper flammability limit | : Not applicable |
| Lower explosion limit / Lower flammability limit | : Not applicable |
| Vapour pressure | : 23 hPa (68 °F / 20 °C) |
| Relative vapour density | : No data available |
| Relative density | : No data available |
| Density | : 1.38 - 1.50 g/cm ³ (68 °F / 20 °C) |
| Solubility(ies) | |
| Water solubility | : miscible, At dilution to less than 1% of FeCl ₃ , precipitation of Iron hydroxide occurs. (68 °F / 20 °C) |
| Partition coefficient: n-octanol/water | : Not applicable Inorganic compound |
| Auto-ignition temperature | : not auto-flammable |
| Decomposition temperature | : 572 °F / 300 °C |
| Viscosity | |
| Viscosity, dynamic | : 5 - 15 mPa.s (68 °F / 20 °C) |
| Viscosity, kinematic | : not determined |
| Oxidizing properties | : Not oxidizing |
| Surface tension | : No data available |

SECTION 10. STABILITY AND REACTIVITY

| | |
|------------------------------------|---|
| Reactivity | : Corrosive to metals. |
| Chemical stability | : Stable under normal conditions. |
| Possibility of hazardous reactions | : Contact with certain metals may form hydrogen gas, which in turn may form explosive mixtures of gases with air. |

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| | |
|----------------------------------|---|
| | Reacts with the following substances: Strong acids and strong bases Strong oxidizing agents |
| Conditions to avoid | Avoid extreme temperatures. Do not freeze. Avoid storage at high temperatures. |
| Incompatible materials | Metals Bases Strong acids Oxidizing agents Reducing agents Sulphides sulphites |
| Hazardous decomposition products | Heating above the decomposition temperature can cause formation of hydrogen chloride. |

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: approximately 1,000 - 1,700 mg/kg
Remarks: Harmful if swallowed.

Components:

Iron trichloride:

Acute oral toxicity : LD50 (Rat): 220 mg/kg
Method: OECD Test Guideline 423
Remarks: Calculated as Fe

Acute toxicity estimate: 500 mg/kg

Acute Inhalation toxicity : No observed adverse effect level: 1.1 mg/l
Method: EPA OPP 81-3

Acute dermal toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 402
Remarks: Read-across (Analogy)
CAS-No.
7758-94-3

LD50 (Rat): > 881 mg/kg
Method: OECD Test Guideline 402
Remarks: Calculated as Fe

Hydrochloric acid:

Acute Inhalation toxicity : LC50 (Rat): 4701 ppm
Exposure time: 30 min
Remarks: gas

LC50 (Rat): 8.3 mg/l
Exposure time: 30 min

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Remarks: aerosol

Acute dermal toxicity : Remarks: No data available

Skin corrosion/irritation

Product:

Remarks : Causes skin irritation.

Components:

Iron trichloride:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Irritating
GLP : yes
Test substance : ferrous sulfate heptahydrate

Hydrochloric acid:

Species : EPISKIN Human Skin Model Test
Exposure time : 1 h
Method : OECD Test Guideline 431
Result : Corrosive
GLP : yes

Serious eye damage/eye irritation

Product:

Remarks : Causes serious eye damage.

Components:

Iron trichloride:

Species : Rabbit
Result : Causes serious eye damage.
Method : OECD Test Guideline 405
GLP : yes
Remarks : Read-across (Analogy)
7758-94-3
dry substance

Hydrochloric acid:

Species : Rabbit
Result : Risk of serious damage to eyes.
Method : OECD Test Guideline 405
Test substance : yes
Remarks : 0,1 ml, conc. 10 %

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Respiratory or skin sensitisation

Product:

Remarks : contains
Nickel dichloride
May cause an allergic skin reaction.

Components:

Iron trichloride:

Test Type : Local lymph node assay (LLNA)
Species : Mouse
Method : OECD Test Guideline 429
Result : Not sensitizing.
Test substance : ferrous sulfate

Hydrochloric acid:

Test Type : Maximisation Test
Exposure routes : Skin contact
Species : Guinea pig
Result : Not sensitizing.

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: Based on available data, the classification criteria are not met.

Components:

Iron trichloride:

Genotoxicity in vitro : Test Type: Ames test
Test system: Salmonella typhimurium
Metabolic activation: with and without
Method: OECD Test Guideline 471
Result: negative
Test substance: ferric chloride

Hydrochloric acid:

Genotoxicity in vitro : Test Type: In vitro mitotic recombination
Test system: Saccharomyces cerevisiae
Metabolic activation: with and without
Result: negative

Carcinogenicity

Product:

Remarks : Based on available data, the classification criteria are not met.

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Components:

Iron trichloride:

Species : Rat
Application Route : Oral
Exposure time : 2 years
NOAEL : > 0.5 %
Test substance : ferric chloride

Hydrochloric acid:

Species : Rat
Application Route : Inhalation
: 15 mg/m³
Method : OECD Test Guideline 451

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 on OSHA's list of regulated carcinogens.

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.

Reproductive toxicity

Product:

Effects on fertility : Remarks: Based on available data, the classification criteria are not met.

Components:

Iron trichloride:

Effects on fertility : Test Type: Reproductive effects
Species: Rat
Application Route: Oral
General Toxicity - Parent: NOAEL: > 500 mg/kg body weight
Method: OECD Test Guideline 422

Effects on foetal development : Species: Rat
Application Route: Oral
Teratogenicity: NOAEL: > 1,000 mg/kg body weight
Method: OECD Test Guideline 422
Result: Did not show teratogenic effects in animal experiments.

Hydrochloric acid:

Effects on fertility : Remarks: No data available

Effects on foetal development : Remarks: No data available

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STOT - single exposure

Product:

Remarks : Based on available data, the classification criteria are not met.

Components:

Iron trichloride:

Assessment : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Hydrochloric acid:

Assessment : May cause respiratory irritation.

STOT - repeated exposure

Product:

Remarks : Based on available data, the classification criteria are not met.

Components:

Iron trichloride:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Hydrochloric acid:

Assessment : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration toxicity

Product:

No aspiration toxicity classification

Components:

Iron trichloride:

No aspiration toxicity classification

Hydrochloric acid:

No aspiration toxicity classification

Experience with human exposure

Product:

Inhalation : Remarks: Effects are immediate and delayed.
Inhalation may provoke the following symptoms:
No symptoms known or expected.
Remarks: Chronic Symptoms:
None known.

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| | |
|--------------|--|
| Skin contact | : Remarks: Effects are immediate and delayed. Skin contact may provoke the following symptoms: Skin irritation skin rash Remarks: Chronic Symptoms: None known. |
| Eye contact | : Remarks: Effects are immediate and delayed. Corrosive to eyes and may cause severe damage including blindness. Remarks: Chronic Symptoms: None known. |
| Ingestion | : Remarks: Effects are immediate and delayed. Ingestion may provoke the following symptoms: Harmful by ingestion. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Gastrointestinal discomfort Remarks: Chronic Symptoms: None known. |

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

| | |
|---|--|
| Toxicity to fish | : LC50 (Pimephales promelas (fathead minnow)): \geq 686 mg/l Exposure time: 48 h Test Type: Acute Fish toxicity Test substance: similar product Method: US EPA-821-R-02-012 |
| Toxicity to daphnia and other aquatic invertebrates | : LC50 (Ceriodaphnia dubia (Water flea)): \geq 137 mg/l Exposure time: 48 h Test Type: Short-term (acute) aquatic hazard Test substance: similar product Method: US EPA-821-R-02-012 |

Components:

Iron trichloride:

| | |
|---|---|
| Toxicity to fish | : LC50 (Lepomis macrochirus (Bluegill sunfish)): 59 mg/l Exposure time: 96 h Remarks: hydrated substance NOEC (Lepomis macrochirus (Bluegill sunfish)): $>$ 1 mg/l Exposure time: 96 h Remarks: hydrated substance |
| Toxicity to daphnia and other aquatic invertebrates | : EC50 (Daphnia magna (Water flea)): 27 mg/l Exposure time: 48 h NOEC (Daphnia magna (Water flea)): $>$ 1 mg/l Exposure time: 21 d |

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Toxicity to algae/aquatic plants : EC50 (algae): 58 mg/l
Exposure time: 15 d
Test Type: rate of growth
GLP: no
Remarks: Test is not appropriate due to the flocculating characteristics of the product.
The compound is considered to have no long term effects in aquatic systems due to the rapid formation of insoluble hydroxides.

Toxicity to terrestrial organisms : Remarks: No data available

Hydrochloric acid:

Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 20.5 mg/l
Exposure time: 96 h
Test Type: semi-static test
GLP: no
Remarks: fresh water

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 0.45 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202

Toxicity to algae/aquatic plants : EC50 (Chlorella vulgaris (Fresh water algae)): 0.73 mg/l
Test Type: static test
Method: OECD Test Guideline 201
Remarks: Fresh water

Persistence and degradability

Product:

Biodegradability : Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.

Components:

Iron trichloride:

Biodegradability : Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.

Hydrochloric acid:

Biodegradability : Remarks: The methods for determining the biological degradability are not applicable to inorganic substances.

Bioaccumulative potential

Components:

Iron trichloride:

Partition coefficient: n- : Remarks: Not applicable

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octanol/water

inorganic compound

Hydrochloric acid:

Partition coefficient: n-
octanol/water

: Remarks: Not applicable
inorganic compound

Mobility in soil

No data available

Other adverse effects

Product:

Additional ecological infor-
mation

: May lower the pH of water and thus be harmful to aquatic
organisms.

Components:

Iron trichloride:

Results of PBT and vPvB
assessment

: No information available.

Hydrochloric acid:

Results of PBT and vPvB
assessment

: This substance is not considered to be a PBT (Persistent,
Bioaccumulation, Toxic) This substance is not considered to
be vPvB (very Persistent nor very Bioaccumulating)

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues

: The product should not be allowed to enter drains, water
courses or the soil.
Do not contaminate ponds, waterways or ditches with chemi-
cal or used container.
Dispose of in compliance with local and national regulations.

Contaminated packaging

: Must be disposed of in accordance with local and national
regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulation

IATA-DGR

UN/ID No.

: UN 2582

Proper shipping name

: Ferric chloride solution
(Ferric chloride)

Class

: 8

Packing group

: III

Labels

: Corrosive

Packing instruction (cargo
aircraft)

: 856

IMDG-Code

UN number

: UN 2582

14/18

SAFETY DATA SHEET

Kemira

KEMIRA PIX-311

Ref. 1.7/US/EN

Revision Date:
03/03/2023

Date of last Issue: 02/21/2023
Print Date:01/08/2024

Proper shipping name : FERRIC CHLORIDE SOLUTION
(Ferric chloride)
Class : 8
Packing group : III
Labels : 8
EmS Code : F-A, S-B
Marine pollutant : no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

National Regulations

49 CFR

UN/ID/NA number : UN 2582
Proper shipping name : Ferric chloride, solution
Class : 8
Packing group : III
Labels : CORROSIVE
ERG Code : 154
Marine pollutant : no

Special precautions for user

Remarks : Corrosive in contact with metals, Metal containers must be lined.

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

| Components | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|------------------|-----------|-----------------------|--------------------------------|
| Iron trichloride | 7705-08-0 | 1000 | 2479 |

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Corrosive to metals
Acute toxicity (any route of exposure)
Serious eye damage or eye irritation
Skin corrosion or irritation

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.

California Prop. 65

WARNING: This product can expose you to chemicals including Nickel dichloride, which is/are known to the State of California to cause cancer, and

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mercury dichloride, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The components of this product are reported in the following inventories:

| | |
|--------|---|
| TSCA | : All components of this product are included in the United States TSCA Chemical Inventory with Active Status or are not required to be listed on the United States TSCA Chemical Inventory. |
| DSL | : All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL). |
| AIC | : All components of this product are included in the Australian Inventory of Industrial Chemicals (AIC) or are not required to be listed on the Australian Inventory of Industrial Chemicals (AIC). |
| IECSC | : All components of this product are included on the Chinese inventory or are not required to be listed on the Chinese inventory. |
| KECI | : All components of this product are included in the Korean (ECL) inventory or are not required to be listed on the Korean (ECL) inventory. |
| PICCS | : All components of this product are included on the Philippine (PICCS) inventory or are not required to be listed on the Philippine (PICCS) inventory. |
| ENCS | : All components of this product are included on the Japanese (ENCS) inventory or are not required to be listed on the Japanese (ENCS) inventory. |
| EINECS | : All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) or are not required to be listed on EINECS. |
| NZIoC | : All components of this product are included in the New Zealand inventory (NZIoC) or are not required to be listed on the New Zealand inventory (NZIoC). |
| TCSI | : This product's Taiwan Toxic Chemical Substances Control Act Inventory status has NOT been determined. |

SECTION 16. OTHER INFORMATION

Further information

SAFETY DATA SHEET

Kemira

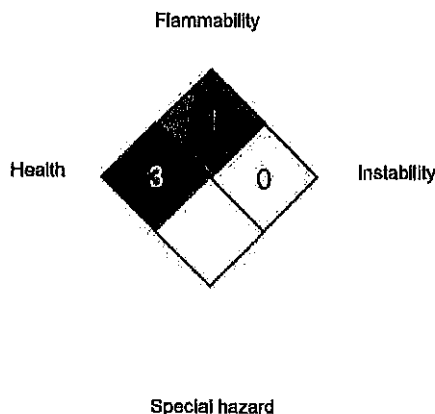
KEMIRA PIX-311

Ref. 1.7/US/EN

Revision Date:
03/03/2023

Date of last issue: 02/21/2023
Print Date:01/08/2024

NFPA 704:



HMIS® IV:

| | | |
|-----------------|---|---|
| HEALTH | / | 3 |
| FLAMMABILITY | | 1 |
| PHYSICAL HAZARD | | 4 |

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

Full text of other abbreviations

| | |
|-----------------|---|
| ACGIH | : USA. ACGIH Threshold Limit Values (TLV) |
| NIOSH REL | : USA. NIOSH Recommended Exposure Limits |
| OSHA P0 | : USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values) |
| OSHA Z-1 | : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants |
| ACGIH / TWA | : 8-hour, time-weighted average |
| ACGIH / C | : Ceiling limit |
| NIOSH REL / TWA | : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek |
| NIOSH REL / C | : Ceiling value not be exceeded at any time. |
| OSHA P0 / TWA | : 8-hour time weighted average |
| OSHA P0 / C | : Ceiling limit |
| OSHA Z-1 / C | : Ceiling |

AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC

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Kemira

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- No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Relevant changes have been marked with vertical lines.

This Safety Data Sheet is prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200), an adoption of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS), Revision 3 by Kemira.

Sources of key data used to compile the Safety Data Sheet ; Regulations, databases, literature, own tests.

Revision Date : 03/03/2023

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.

US / EN



The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Monday, January 08, 2024** at 12:15 a.m. Eastern Time. Please contact NSF 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?>

[CompanyName=kemira+water&TradeName=pix%2D311&](http://info.nsf.org/Certified/PwsChemicals/Listings.asp?CompanyName=kemira+water&TradeName=pix%2D311&)

NSF/ANSI/CAN 60 Drinking Water Treatment Chemicals - Health Effects

Kemira Water Solutions, Inc.

1000 Parkwood Circle

Suite 500

Atlanta, GA 30334

United States

888-KEMIRON

863-533-5990

Visit this company's website (<http://www.kemira.com>)

Facility : Distribution Center - Buckeye, AZ

Ferric Chloride

Trade Designation

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Distribution Center - Fremont, CA

Ferric Chloride

Trade Designation

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

Facility : Fontana, CA**Ferric Chloride****Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Mojave, CA**Ferric Chloride****Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

300mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : East Chicago, IN**Ferric Chloride****Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Baltimore, MD**Ferric Chloride****Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : St. Louis, MO

Ferric Chloride

Trade Designation

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Albuquerque, NM

Ferric Chloride

Trade Designation

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

Facility : Distribution Center - Buffalo, NY

Ferric Chloride

Trade Designation

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

Facility : Distribution Center - Euclid, OH

Ferric Chloride

Trade Designation

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Distribution Center - El Paso, TX

Ferric Chloride**Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Kalama, WA

Ferric Chloride**Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Spokane, WA

Ferric Chloride**Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Distribution Center - Winnipeg, Manitoba, Canada

Ferric Chloride**Trade Designation**

KEMIRA PIX-311

Product Function

Coagulation & Flocculation

Max Use

250mg/L

NOTE: Only products bearing the NSF Mark are Certified.

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Facility : Varennes, Quebec, Canada

Ferric Chloride**Trade Designation****KEMIRA PIX-311****Product Function****Coagulation & Flocculation****Max Use****250mg/L**

NOTE: Four digit alpha suffix in Certified trade names on product labels and/or literature may be used to designate container size.

Number of matching Manufacturers is 1

Number of matching Products is 15

Processing time was 0 seconds

Contract - ITB 10090062-24-M Ferric Chloride

Final Audit Report

2024-03-08

| | |
|-----------------|--|
| Created: | 2024-03-08 |
| By: | Hugo Mora (hmora@sandiego.gov) |
| Status: | Signed |
| Transaction ID: | CBJCHBCAABAA1YCz6QuC243-cJELrSUII6bC7SzhHQo5 |

"Contract - ITB 10090062-24-M Ferric Chloride" History



Document created by Hugo Mora (hmora@sandiego.gov)

2024-03-08 - 1:50:41 AM GMT



Document emailed to kwsna.bids@kemira.com for signature

2024-03-08 - 1:53:01 AM GMT



Email viewed by kwsna.bids@kemira.com

2024-03-08 - 2:57:45 PM GMT



Signer kwsna.bids@kemira.com entered name at signing as Christina M Imbrogno

2024-03-08 - 2:59:19 PM GMT



Document e-signed by Christina M Imbrogno (kwsna.bids@kemira.com)

Signature Date: 2024-03-08 - 2:59:21 PM GMT - Time Source: server



Agreement completed.

2024-03-08 - 2:59:21 PM GMT



Adobe Acrobat Sign

RESOLUTION NUMBER R- **315521**

DATE OF FINAL PASSAGE **MAY 20 2024**

A RESOLUTION OF THE COUNCIL OF THE CITY OF
SAN DIEGO APPROVING THE CONTRACT BETWEEN THE
CITY OF SAN DIEGO AND KEMIRA WATER SOLUTIONS,
INC. TO PURCHASE FERRIC CHLORIDE FOR THE CITY'S
WATER TREATMENT PLANTS AND WASTEWATER
FACILITIES AND RELATED ACTIONS.

WHEREAS, the City of San Diego Public Utilities Department (Department) owns and operates water treatment plants, wastewater treatment plants, and sewer pump stations for the continued treatment of potable water and wastewater for the City of San Diego; and

WHEREAS, ferric chloride is a chemical used to improve water quality by coagulating particles for sedimentation in the water and wastewater treatment process; and

WHEREAS, the Department utilizes approximately 5,100 tons of ferric chloride annually; and

WHEREAS, the uninterrupted use of ferric chloride is essential to comply with State and Federal regulations; and

WHEREAS, Invitation to Bid (ITB), No. 10090062-24-M, to furnish the City with ferric chloride, was advertised on December 12, 2023, and Kemira Water Solutions, Inc. was identified as the lowest responsible bidder; and

WHEREAS, staff recommends entering into a one-year contract with four one-year options, with a not to exceed amount of \$40,350,000; and

WHEREAS, staff estimates that \$914,000 will be spent in FY 2024 and \$39,436,000 for all subsequent years if all options to extend are exercised; and

WHEREAS, the Office of the City Attorney has drafted this resolution based on the information provided by affected third parties and verified by City Staff, with the understanding that this information is complete, true, and accurate; NOW, THEREFORE,

BE IT RESOLVED, by the Council of the City of San Diego, as follows:

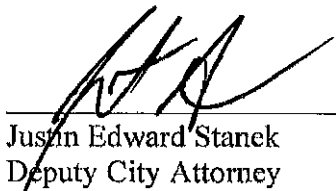
1. The contract for goods (Bid No. 10090062-24-M) with Kemira Water Solutions, Inc., in an amount not to exceed \$40,350,000, to provide ferric chloride (Contract), with a term of one year and four one-year options to extend the Contract, which, once signed by all parties, will be on file with the City Clerk as Document No. **RR-315521**, is approved.

2. The Mayor, or his designee, is authorized to sign and deliver the Contract.

3. The Chief Financial Officer is authorized to expend an amount not to exceed \$40,350,000 of which \$914,000 is estimated to be spent in FY 2024 (\$390,000 from Water Utility Operating Fund 700011 and \$524,000 from Metro Sewer Utility Fund 700001), and \$39,436,000 is estimated to be spent if all the options to extend the Contract are exercised, of which \$16,810,000 from the Water Utility Operating Fund 700001 and \$22,626,000 from Metro Sewer Utility Fund 700001, as appropriate based on the use of ferric chloride, contingent upon the adoption of the Annual Appropriation Ordinance for the applicable fiscal year, and contingent upon the Chief Financial Officer furnishing one or more certificates certifying that funds necessary for expenditure are, or will be, on deposit with the City Treasurer.

APPROVED: MARA W. ELLIOTT, City Attorney

By


Justin Edward Stanek
Deputy City Attorney

JES:cm

April 26, 2024

May 9, 2024 COR. COPY

Or.Dept: Public Utilities Department

CC No. 3000016629

Doc. No. 3633133_2

I certify that the foregoing Resolution was passed by the Council of the City of San Diego, at this meeting of MAY 14 2024.

DIANA J.S. FUENTES
City Clerk

By Kristell Medina
Deputy City Clerk

Approved: 5/17/24
(date)

Todd Gloria
TODD GLORIA, Mayor

Vetoed: _____
(date)

TODD GLORIA, Mayor

**The City of San Diego
COMPTROLLER'S CERTIFICATE**

CERTIFICATE OF UNALLOTTED BALANCE

ORIGINATING

DEPT.
NO.

3000016629

2000

I HEREBY CERTIFY that the money required for the allotment of funds for the purpose set forth in the foregoing resolution is available in the Treasury, or is anticipated to come into the Treasury, and is otherwise unallotted.

Amount: _____ Fund: _____

Purpose: _____

Date: _____ By: _____

COMPTROLLER'S DEPARTMENT

| ACCOUNTING DATA | | | | | | | | | |
|-----------------|------|----------------|----------------|-----------------|-------------|---------------|-------------|-----|-----------------|
| Doc. Item | Fund | Funded Program | Internal Order | Functional Area | G/L Account | Business Area | Cost Center | WBS | Original Amount |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| TOTAL AMOUNT | | | | | | | | | |

FUND OVERRIDE ☐

CERTIFICATION OF UNENCUMBERED BALANCE

I HEREBY CERTIFY that the indebtedness and obligation to be incurred by the contract or agreement authorized by the hereto attached resolution, can be incurred without the violation of any of the provisions of the Charter of the City of San Diego; and I do hereby further certify, in conformity with the requirements of the Charter of the City of San Diego, that sufficient moneys have been appropriated for the purpose of said contract, that sufficient moneys to meet the obligations of said contract are actually in the Treasury, or are anticipated to come into the Treasury, to the credit of the appropriation from which the same are to be drawn, and that the said money now actually in the Treasury, together with the moneys anticipated to come into the Treasury, to the credit of said appropriation, are otherwise unencumbered.

Not to Exceed: _____ \$914,000.00

Vendor: Kemira Water Solutions, Inc

Purpose: Authorization to Execute a Contract with Kemira Water Solutions, Inc. (ITB 10090062-24-M) to Purchase Ferric Chloride for the Public Utilities Water and Wastewater Treatment Plants

Date: March 27, 2024 By: Jessica Tran

COMPTROLLER'S DEPARTMENT

| ACCOUNTING DATA | | | | | | | | | |
|-----------------|--------|----------------|----------------|------------------|-------------|---------------|-------------|-----|-----------------|
| Doc. Item | Fund | Funded Program | Internal Order | Functional Area | G/L Account | Business Area | Cost Center | WBS | Original Amount |
| 1 | 700001 | | | OTHR-00000000-SU | 511032 | 2000 | 2000191217 | | \$524,000.00 |
| 2 | 700011 | | | OTHR-00000000-WL | 511032 | 2000 | 2000201211 | | \$195,000.00 |
| 3 | 700011 | | | OTHR-00000000-WL | 511032 | 2000 | 2000201212 | | \$105,000.00 |
| 4 | 700011 | | | OTHR-00000000-WL | 511032 | 2000 | 2000201213 | | \$90,000.00 |
| | | | | | | | | | |
| | | | | | | | | | |
| TOTAL AMOUNT | | | | | | | | | \$914,000.00 |

FUND OVERRIDE ☐

3000016629

Passed by the Council of The City of San Diego on MAY 14 2024, by the following vote:

| Councilmembers | Yeas | Nays | Not Present | Recused |
|---------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|
| Joe LaCava | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Jennifer Campbell | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Stephen Whitburn | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Henry L. Foster III | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Marni von Wilpert | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kent Lee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Raul A. Campillo | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vivian Moreno | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Sean Elo-Rivera | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Date of final passage MAY 20 2024.

(Please note: When a resolution is approved by the Mayor, the date of final passage is the date the approved resolution was returned to the Office of the City Clerk.)

AUTHENTICATED BY:

TODD GLORIA
Mayor of The City of San Diego, California.

(Seal)

DIANA J.S. FUENTES
City Clerk of The City of San Diego, California.

By Kristell Medina, Deputy

Office of the City Clerk, San Diego, California

Resolution Number R- **315521**

Passed by the Council of The City of San Diego on May 14, 2024, by the following vote:

YEAS: LACAVA, CAMPBELL, WHITBURN, FOSTER III, VON WILPERT, LEE,
CAMPILLO, MORENO & ELO-RIVERA.

NAYS: NONE.

NOT PRESENT: NONE.

RECUSED: NONE.

AUTHENTICATED BY:

TODD GLORIA

Mayor of The City of San Diego, California

DIANA J.S. FUENTES

City Clerk of The City of San Diego, California

(Seal)

By: Linda Irvin, Deputy

I HEREBY CERTIFY that the above and foregoing is a full, true, and correct copy of
RESOLUTION NO. R-315521 approved on May 14, 2024. The date of final passage
is May 20, 2024.

DIANA J.S. FUENTES

City Clerk of the City of San Diego, California

(Seal)

By: Linda Irvin, Deputy