

AGREEMENT FOR
Water and Wastewater Treatment Chemicals
City of Glendale Solicitation No. IFB 25-43

This Agreement for Water and Wastewater Treatment Chemicals ("Agreement") is effective and entered into between CITY OF GLENDALE, an Arizona municipal corporation ("City"), and Norit Americas, Inc., a Texas corporation, authorized to do business in the State of Arizona, ("Contractor"), as of the ____ day of _____, 2026.

RECITALS

- A. City intends to undertake a project for the benefit of the public and with public funds that is more fully set forth in **Exhibit A**, pursuant to Solicitation No. IFB 25-43 (the "Project");
- B. City desires to retain the services of Contractor to perform those specific duties and produce the specific work as set forth in the Project attached hereto; and
- C. City and Contractor desire to memorialize their agreement with this document.

AGREEMENT

In consideration of the Recitals, which are confirmed as true and correct and incorporated by this reference, the mutual promises and covenants contained in this Agreement, and other good and valuable consideration, City and Contractor agree as follows:

1. Key Personnel; Sub-contractors.

- 1.1 Services. Contractor will provide all services necessary to assure the Project is completed timely and efficiently consistent with Project requirements, including, but not limited to, working in close interaction and interfacing with City and its designated employees, and working closely with others, including other contractors or consultants, retained by City.
- 1.2 Project Team.
 - a. Project Manager.
 - (1) Contractor will designate an employee as Project Manager with sufficient training, knowledge, and experience to complete the Project and handle all aspects of the Project (as determined by the City in its sole discretion); such that the work produced by Contractor is consistent with applicable standards as detailed in this Agreement;
 - (2) The City must approve the designated Project Manager; and
 - (3) To assure the Project schedule is met, Project Manager may be required to devote no less than a specific amount of time as set out in Exhibit A.
 - b. Project Team.
 - (1) The Project Manager and all other employees assigned to the project by Contractor will comprise the "Project Team."
 - (2) Project Manager will have responsibility for and will supervise all other employees assigned to the Project by Contractor.
 - c. Discharge, Reassign, Replacement.
 - (1) Contractor acknowledges the Project Team is comprised of the same persons and roles for each as may have been identified in the response to the Project's solicitation.

- (2) Contractor will not discharge, reassign or replace or diminish the responsibilities of any of the employees assigned to the Project who have been approved by City without City's prior written consent unless that person leaves the employment of Contractor, in which event the substitute must first be approved in writing by City.
- (3) Contractor will change any of the members of the Project Team at the City's request if an employee's performance does not equal or exceed the level of competence that the City may reasonably expect of a person performing those duties or if the acts or omissions of that person are detrimental to the development of the Project.

d. Sub-contractors.

- (1) Contractor may engage specific technical contractor (each a "Sub-contractor") to furnish certain service functions.
- (2) Contractor will remain fully responsible for Sub-contractor's services.
- (3) Sub-contractors must be approved by the City, unless the Sub-contractor was previously mentioned in the response to the solicitation.
- (4) Contractor shall certify by letter that contracts with Sub-contractors have been executed incorporating requirements and standards as set forth in this Agreement.

2. **Schedule.** The services will be undertaken in a manner that ensures the Project is completed timely and efficiently in accordance with the Project.

3. **Contractor's Work.**

3.1 Standard. Contractor must perform services in accordance with the standards of due diligence, care, and quality prevailing among contractors having substantial experience with the successful furnishing of services for projects that are equivalent in size, scope, quality, and other criteria under the Project and identified in this Agreement.

3.2 Licensing. Contractor warrants that:

- a. Contractor and Sub-contractors will hold all appropriate and required licenses, registrations and other approvals necessary for the lawful furnishing of services ("Approvals"); and
- b. Neither Contractor nor any Sub-contractor has been debarred or otherwise legally excluded from contracting with any federal, state, or local governmental entity ("Debarment").
 - (1) City is under no obligation to ascertain or confirm the existence or issuance of any Approvals or Debarments or to examine Contractor's contracting ability.
 - (2) Contractor must notify City immediately if any Approvals or Debarment changes during the Agreement's duration and the failure of the Contractor to notify City as required will constitute a material default under the Agreement.

3.3 Compliance. Services will be furnished in compliance with applicable federal, state, county and local statutes, rules, regulations, ordinances, building codes, life safety codes, and other standards and criteria designated by City.

Contractor must not discriminate against any employee or applicant for employment on the basis of race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity or expression, genetic characteristics, familial status, U.S. military veteran status or any disability. Contractor will require any Sub-contractor to be bound to the same requirements as stated within this section. Contractor, and on behalf of any subcontractors, warrants compliance with this section.

3.4 Coordination; Interaction.

- a. For projects that the City believes requires the coordination of various professional services, Contractor will work in close consultation with City to proactively interact with any other professionals retained by City on the Project ("Coordinating Project Professionals").
- b. Subject to any limitations expressly stated in the Project Budget, Contractor will meet to review the Project, Schedule, Project Budget, and in-progress work with Coordinating Project Professionals and City as often and for durations as City reasonably considers necessary in order to ensure the timely work delivery and Project completion.
- c. For projects not involving Coordinating Project Professionals, Contractor will proactively interact with any other contractors when directed by City to obtain or disseminate timely information for the proper execution of the Project.

3.5 Work Product.

- a. Ownership. Upon receipt of payment for services furnished, Contractor grants to City, and will cause its Sub-contractors to grant to the City, the exclusive ownership of and all copyrights, if any, to evaluations, reports, drawings, specifications, project manuals, surveys, estimates, reviews, minutes, all "architectural work" as defined in the United States Copyright Act, 17 U.S.C § 101, *et seq.*, and other intellectual work product as may be applicable ("Work Product").
 - (1) This grant is effective whether the Work Product is on paper (e.g., a "hard copy"), in electronic format, or in some other form.
 - (2) Contractor warrants, and agrees to indemnify, hold harmless and defend City for, from and against any claim that any Work Product infringes on third-party proprietary interests.
- b. Delivery. Contractor will deliver to City copies of the preliminary and completed Work Product promptly as they are prepared.
- c. City Use.
 - (1) City may reuse the Work Product at its sole discretion.
 - (2) In the event the Work Product is used for another project without further consultations with Contractor, the City agrees to indemnify and hold Contractor harmless from any claim arising out of the Work Product.
 - (3) In such case, City shall also remove any seal and title block from the Work Product.

4. **Compensation for the Project.**

4.1 Compensation. Contractor's compensation for the Project, including those furnished by its Sub-contractors will not exceed \$250,000, as specifically detailed in **Exhibit B** (the "Compensation").

4.2 Change in Scope of Project. The Compensation may be equitably adjusted if the originally contemplated scope of services as outlined in the Project is significantly modified.

- a. Adjustments to the Compensation require a written amendment to this Agreement and may require City Council approval.
- b. Additional services which are outside the scope of the Project contained in this Agreement may not be performed by the Contractor without prior written authorization from the City.
- c. Notwithstanding the incorporation of the Exhibits to this Agreement by reference, should any conflict arise between the provisions of this Agreement and the provisions found in the Exhibits and accompanying attachments, the provisions of this Agreement shall take priority and govern the conduct of the parties.

5. Billings and Payment.

5.1 Applications.

- a. Contractor will submit monthly invoices (each, a "Payment Application") to City's Project Manager and City will remit payments based upon the Payment Application as stated below.
- b. The period covered by each Payment Application will be one calendar month ending on the last day of the month or as specified in the solicitation.

5.2 Payment.

- a. After a full and complete Payment Application is received, City will process and remit payment within 30 days.
- b. Payment may be subject to or conditioned upon City's receipt of:
 - (1) Completed work generated by Contractor and its Sub-contractors; and
 - (2) Unconditional waivers and releases on final payment from Sub-contractors as City may reasonably request to assure the Project will be free of claims arising from required performances under this Agreement.

5.3 Review and Withholding. City's Project Manager will timely review and certify Payment Applications.

- a. If the Payment Application is rejected, the Project Manager will issue a written listing of the items not approved for payment.
- b. City may withhold an amount sufficient to pay expenses that City reasonably expects to incur in correcting the deficiency or deficiencies rejected for payment.

6. Termination.

6.1 For Convenience. City may terminate this Agreement for convenience, without cause, by delivering a written termination notice stating the Effective Termination date, which may not be less than 30 days following the date of delivery.

- a. Contractor will be equitably compensated for Goods or Services furnished prior to receipt of the termination notice and for reasonable costs incurred.
- b. Contractor will also be similarly compensated for any approved effort expended and approved costs incurred that are directly associated with project closeout and delivery of the required items to the City.

6.2 For Cause. City may terminate this Agreement for cause if Contractor fails to cure any breach of this Agreement within seven days after receipt of written notice specifying the breach.

- a. Contractor will not be entitled to further payment until after City has determined its damages. If City's damages resulting from the breach, as determined by City, are less than the equitable amount due but not paid Contractor for Service and Repair furnished, City will pay the amount due to Contractor, less City's damages, in accordance with the provision of § 5.
- b. If City's direct damages exceed amounts otherwise due to Contractor, Contractor must pay the difference to City immediately upon demand; however, Contractor will not be subject to consequential damages of more than \$2,000,000 or the amount of this Agreement, whichever is greater.

7. Conflict. Contractor acknowledges this Agreement is subject to A.R.S. § 38-511, which allows for cancellation of this Agreement in the event any person who is significantly involved in initiating, negotiating, securing, drafting, or creating the Agreement on City's behalf is also an employee, agent, or consultant of any other party to this Agreement.

8. Insurance.

8.1 Requirements. Contractor must obtain and maintain the following insurance ("Required Insurance"):

- a. Contractor and Sub-contractors. Contractor, and each Sub-contractor performing work or providing materials related to this Agreement must procure and maintain the insurance coverages described below (collectively referred to herein as the "Contractor's Policies"), until each Party's obligations under this Agreement are completed.
- b. General Liability.
 - (1) Contractor must at all times relevant hereto carry a commercial general liability policy with a combined single limit of at least \$2,000,000 per occurrence and \$4,000,000 annual aggregate for each property damage and contractual property damage.
 - (2) Sub-contractors must at all times relevant hereto carry a general commercial liability policy with a combined single limit of at least \$2,000,000 per occurrence.
 - (3) This commercial general liability insurance must include independent contractors' liability, contractual liability, broad form property coverage, XCU hazards if requested by the City, and a separation of insurance provision.
 - (4) These limits may be met through a combination of primary and excess liability coverage.
- c. Auto. A business auto policy providing a liability limit of at least \$2,000,000 per accident for Contractor and \$2,000,000 per accident for Sub-contractors and covering owned, non-owned and hired automobiles.
- d. Workers' Compensation and Employer's Liability. A workers' compensation and employer's liability policy providing at least the minimum benefits required by Arizona law.
- e. Notice of Changes. Contractor's Policies must provide for not less than 30 days' advance written notice to City Representative of:
 - (1) Cancellation or termination of Contractor or Sub-contractor's Policies;
 - (2) Reduction of the coverage limits of any of Contractor or and Sub-contractor's Policies; and
 - (3) Any other material modification of Contractor or Sub-contractor's Policies related to this Agreement.
- f. Certificates of Insurance.
 - (1) Within 10 business days after the execution of the Agreement, Contractor must deliver to City Representative certificates of insurance for each of Contractor and Sub-contractor's Policies, which will confirm the existence or issuance of Contractor and Sub-contractor's Policies in accordance with the provisions of this section, and copies of the endorsements of Contractor and Sub-contractor's Policies in accordance with the provisions of this section.
 - (2) City is and will be under no obligation either to ascertain or confirm the existence or issuance of Contractor and Sub-contractor's Policies, or to examine Contractor and Sub-contractor's Policies, or to inform Contractor or Sub-contractor in the event that any coverage does not comply with the requirements of this section.
 - (3) Contractor's failure to secure and maintain Contractor Policies and to assure Sub-contractor policies as required will constitute a material default under the Agreement.
- g. Other Contractors or Vendors.
 - (1) Other contractors or vendors that may be contracted with in connection with the Project must procure and maintain insurance coverage as is appropriate to their particular contract.

- (2) This insurance coverage must comply with the requirements set forth above for Contractor's Policies (e.g., the requirements pertaining to endorsements to name the parties as additional insured parties and certificates of insurance).
- h. Policies. Except with respect to workers' compensation and employer's liability coverages, City must be named and properly endorsed as additional insureds on all liability policies required by this section.
 - (1) The coverage extended to additional insureds must be primary and must not contribute with any insurance or self insurance policies or programs maintained by the additional insureds.
 - (2) All insurance policies obtained pursuant to this section must be with companies legally authorized to do business in the State of Arizona and reasonably acceptable to all parties.

8.2 Sub-contractors.

- a. Contractor must also cause its Sub-contractors to obtain and maintain the Required Insurance.
- b. City may consider waiving these insurance requirements for a specific Sub-contractor if City is satisfied the amounts required are not commercially available to the Sub-contractor and the insurance the Sub-contractor does have is appropriate for the Sub-contractor's work under this Agreement.
- c. Contractor and Sub-contractors must provide to the City proof of the Required Insurance whenever requested.

8.3 Indemnification.

- a. To the fullest extent permitted by law, Contractor must defend, indemnify, and hold harmless City and its elected officials, officers, employees and agents (each, an "Indemnified Party," collectively, the "Indemnified Parties"), for, from, and against any and all claims, demands, actions, damages, judgments, settlements, personal injury (including sickness, disease, death, and bodily harm), property damage (including loss of use), infringement, governmental action and all other losses and expenses, including attorneys' fees and litigation expenses (each, a "Demand or Expense"; collectively, "Demands or Expenses") asserted by a third-party (i.e. a person or entity other than City or Contractor) and that arises out of or results from the breach of this Agreement by the Contractor or the Contractor's negligent actions, errors or omissions (including any Sub-contractor or other person or firm employed by Contractor), whether sustained before or after completion of the Project.
- b. This indemnity and hold harmless provision applies even if a Demand or Expense is in part due to the Indemnified Party's negligence or breach of a responsibility under this Agreement, but in that event, Contractor shall be liable only to the extent the Demand or Expense results from the negligence or breach of a responsibility of Contractor or of any person or entity for whom Contractor is responsible.
- c. Contractor is not required to indemnify any Indemnified Parties for, from, or against any Demand or Expense resulting from the Indemnified Party's sole negligence or other fault solely attributable to the Indemnified Party.

9. **E-verify, Records and Audits.** To the extent applicable under A.R.S. § 41-4401, the Contractor warrants their compliance and that of its subcontractors with all federal immigration laws and regulations that relate to their employees and compliance with the E-verify requirements under A.R.S. § 23-214(A). The Contractor or subcontractor's breach of this warranty shall be deemed a material breach of the Agreement and may result in the termination of the Agreement by the City under the terms of this Agreement. The City retains the legal right to randomly inspect the papers and records of the other party to ensure that the other party is complying with the above-mentioned warranty. The Contractor and subcontractor warrant to keep their respective

papers and records open for random inspection during normal business hours by the other party. The parties shall cooperate with the City's random inspections, including granting the inspecting party entry rights onto their respective properties to perform the random inspections and waiving their respective rights to keep such papers and records confidential.

10. **No Boycott of Israel.** To the extent A.R.S § 35-393 through § 35-393.03 are applicable, the parties hereby certify that they are not currently engaged in, and agree for the duration of the Agreement to not engage in, a boycott of goods or services from Israel, as that term is defined in A.R.S § 35-393.
11. **Uyghur Forced Labor Prevention Act (UFLPA).** Contractor certifies that it does not currently, and during the term of this Agreement, will not use:
 - a. the forced labor of ethnic Uyghurs in the People's Republic of China;
 - b. any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; and
 - c. any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.
12. **Attestation of PCI Compliance.** When applicable, the Contractor will provide the City annually with a Payment Card Industry Data Security Standard (PCI DSS) attestation of compliance certificate signed by an officer of Contractor with oversight responsibility.
13. **Notices.**
 - 13.1 A notice, request or other communication that is required or permitted under this Agreement (each a "Notice") will be effective only if:
 - a. The Notice is in writing; and
 - b. Delivered in person or by overnight courier service (delivery charges prepaid), certified or registered mail (return receipt requested); and
 - c. Notice will be deemed to have been delivered to the person to whom it is addressed as of the date of receipt, if:
 - (1) Received on a business day, or before 5:00 p.m., at the address for Notices identified for the Party in this Agreement by U.S. Mail, hand delivery, or overnight courier service on or before 5:00 p.m.; or
 - (2) As of the next business day after receipt, if received after 5:00 p.m.
 - d. The burden of proof of the place and time of delivery is upon the Party giving the Notice; and
 - e. Digitalized signatures and copies of signatures will have the same effect as original signatures.
 - 13.2 Representatives.
 - a. Contractor. Contractor's representative (the "Contractor's Representative") authorized to act on Contractor's behalf with respect to the Project, and his or her address for Notice delivery is:

Norit Americas, Inc.
c/o Amber Lewis
3200 University Ave
Marshall, TX 75670
amber.lewis@norit.com
 - b. City. City's representative ("City's Representative") authorized to act on City's behalf, and his or her address for Notice delivery is:

City of Glendale
c/o Anne Shadle
5970 W. Brown St.
Glendale, Arizona 85302
(623) 930-2864

With required copy to:

City Manager
City of Glendale
5850 West Glendale Avenue
Glendale, Arizona 85301

City Attorney
City of Glendale
5850 West Glendale Avenue
Glendale, Arizona 85301

c. Concurrent Notices.

- (1) All notices to City's representative must be given concurrently to City Manager and City Attorney.
- (2) A notice will not be deemed to have been received by City's representative until the time that it has also been received by City Manager and City Attorney.
- (3) City may appoint one or more designees for the purpose of receiving notice by delivery of a written notice to Contractor identifying the designee(s) and their respective addresses for notices.

d. Changes. Contractor or City may change its representative or information on Notice, by giving Notice of the change in accordance with this section at least ten days prior to the change.

14. **Financing Assignment.** City may assign this Agreement to any City-affiliated entity, including a non-profit corporation or other entity whose primary purpose is to own or manage the Project.

15. **Entire Agreement; Survival; Counterparts; Signatures.**

15.1 Integration. This Agreement contains, except as stated below, the entire agreement between City and Contractor and supersedes all prior conversations and negotiations between the parties regarding the Project or this Agreement.

- a. Neither Party has made any representations, warranties or agreements as to any matters concerning the Agreement's subject matter.
- b. Representations, statements, conditions, or warranties not contained in this Agreement will not be binding on the parties.
- c. The solicitation, any addendums and the response submitted by the Contractor are incorporated into this Agreement as if attached hereto. Any Contractor response modifies the original solicitation as stated. Inconsistencies between the solicitation, any addendums and the response or any excerpts attached as Exhibit A and this Agreement will be resolved by the terms and conditions stated in this Agreement.

15.2 Interpretation.

- a. The parties fairly negotiated the Agreement's provisions to the extent they believed necessary and with the legal representation they deemed appropriate.
- b. The parties are of equal bargaining position and this Agreement must be construed equally between the parties without consideration of which of the parties may have drafted this Agreement.
- c. The Agreement will be interpreted in accordance with the laws of the State of Arizona.

- 15.3 Survival. Except as specifically provided otherwise in this Agreement, each warranty, representation, indemnification and hold harmless provision, insurance requirement, and every other right, remedy and responsibility of a Party, will survive completion of the Project, or the earlier termination of this Agreement.
- 15.4 Amendment. No amendment to this Agreement will be binding unless in writing and executed by the parties. Any amendment may be subject to City Council approval. Electronic signature blocks do not constitute execution.
- 15.5 Remedies. All rights and remedies provided in this Agreement are cumulative and the exercise of any one or more right or remedy will not affect any other rights or remedies under this Agreement or applicable law.
- 15.6 Severability. If any provision of this Agreement is voided or found unenforceable, that determination will not affect the validity of the other provisions, and the voided or unenforceable provision will be deemed reformed to conform to applicable law.
- 15.7 Counterparts. This Agreement may be executed in counterparts, and all counterparts will together comprise one instrument.

16. Term.

- 16.1 Extensions. The term of this Agreement commences upon the effective date and continues for a one (1)-year initial period. The City may, at its option and with the approval of the Contractor, extend the term of this Agreement an additional four (4) years, on an annual basis. Contractor will be notified in writing by the City of its intent to extend the Agreement period at least thirty (30) calendar days prior to the expiration of the original or any extension period. Price adjustments will only be reviewed prior to the extension period and any such price adjustment will be a determining factor for any renewal. There are no automatic extensions or renewals of this Agreement.
- 16.2 Extension for Procurement Process. Upon the expiration of the Term of this Agreement, including the initial term and any renewals, at the City’s sole discretion, this Agreement may be extended on a month-to-month basis for a maximum of six (6) months to allow for the City to complete its procurement process to select a vendor to provide the services/materials similar to those provided under this Agreement. The City will notify the Contractor in writing of its intent to extend the Agreement at least thirty (30) calendar days prior to the expiration of the Term. Any extension provided under this subsection will continue under the same terms and conditions as in effect immediately prior to the expiration of the then-current term.

17. Dispute Resolution. Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration administered according to the American Arbitration Association’s Commercial Arbitration Rules, and judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof.

18. Cooperative Use of Contract. This agreement may be extended for use by other governmental agencies and political subdivisions of the State. Any such usage by other entities must be in accord with the ordinances, charter, rules and regulations of the respective entity and the approval of the Contractor and City. For a list of SAVE members, click on the following link: <http://www.mesaaz.gov/business/purchasing/save>

19. Exhibits. The following exhibits, with reference to the term in which they are first referenced, are incorporated by this reference.

- Exhibit A Project
- Exhibit B Compensation

(Signatures appear on the following page.)

The parties enter into this Agreement as of the Effective Date shown above.

City of Glendale,
an Arizona municipal corporation

By: Patrick S. Banger
Its: City Manager

ATTEST:

Julie K. Bower
City Clerk (SEAL)

APPROVED AS TO FORM:

Michael D. Bailey
City Attorney

Norit Americas, Inc.,
a Texas corporation



By: Amber Lewis
Its: Inside Sales

EXHIBIT A
WATER AND WASTEWATER TREATMENT CHEMICALS
PROJECT

Norit Americas, Inc. will provide the following chemical per the scope of work of IFB 25-43:
Powdered Activated Carbon (PAC)



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

1. INTRODUCTION

The City of Glendale, Arizona (City), is requesting bids from qualified vendors for the purchase and delivery of various chemicals for the treatment of water and wastewater on an as-needed basis. These chemicals will be used for the production of drinking water and reclaimed water, and the treatment of wastewater. The resulting Agreement shall provide for all materials in this contract. Unit pricing shall be firm, include the cost of freight and all other associated direct or indirect costs, excluding taxes.

2. OBJECTIVES

The Water Services Department is requesting bids for the purchase of water and wastewater treatment chemicals to help with their mission of delivering clean, safe water to its customers. It is not expected that any one vendor can provide all the chemical needs for the City. Each line item will be awarded separately. The city reserves the right to award primary and secondary contracts for any product to ensure continuity of supply.

3. GENERAL SPECIFICATIONS

Orders for chemicals shall be on an as-needed basis and delivered to storage tanks located at any one of the following Water Services Department locations after receipt of order is given:

Oasis Water Treatment Plant
7070 W Northern Ave.
Glendale, AZ 85303

Cholla Water Treatment Plant
4805 W Cholla St.
Glendale, AZ 85304

Pyramid Peak Water Treatment Plant
28101 N 63rd Ave.
Phoenix, AZ 85083

West Area Water Reclamation Facility
5901 N Glen Harbor Blvd.
Glendale, AZ 85307

Arrowhead Water Reclamation Facility
8180 W Union Hills Dr.
Glendale, AZ 85308

83rd Ave Lift Station
17500 N 83rd Ave.
Glendale, AZ 85308


Raw Sewage Pump Station (RSPS)
9802 W Camelback Rd.
Glendale, AZ 85307

4. QUANTITIES

The quantities referenced in this solicitation are estimates ONLY and are to be used for information purposes only. No commitment to any quantity is made during this contract.

5. BRAND NAME OR EQUIVALENT

5.1. All chemicals must conform to NSF International Standard 60 and/or appropriate AWWA/ANSI Standards.

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	--	--

- 5.2. All chemicals shall be sampled and analyzed by the City's laboratory before being given a receipt of goods and permitted to be unloaded.
- 5.3. If the City deems the product to not be within product specifications, that load will be rejected. The City will not pay for this delivery or any charges of non-delivery.

6. DELIVERY

- 6.1. All deliveries shall be FOB Destination with freight prepaid and allowed to the various locations listed in this solicitation and any other location requested by the Water Services Department.
- 6.2. Fuel surcharge shall not apply.
- 6.3. Deliveries are to be made during the hours specified for each location shown in the Technical Specifications.
- 6.4. After-hour deliveries may be rejected or required to wait until the next business day.
- 6.5. Deliveries shall be made as scheduled and confirmed. Delayed deliveries shall not extend beyond 48 hours.
- 6.6. The City may require deliveries within 48 to 72 hours of placing order during times of high usage or emergencies.
- 6.7. Contractor delivery vehicles shall have all necessary equipment with which to handle and unload product in a safe and secure manner.
- 6.8. Drivers shall be fully trained in all aspects of safe product handling. They shall wear all required protective equipment while making deliveries. Failure to do so will result in removal from the facility.
- 6.9. Delivery drivers shall comply with any special instructions given upon arrival and shall maintain a pleasant, professional demeanor while visiting the facility. Failure to do so will result in removal from the facility.
- 6.10 **The City will not permit overnight parking at City facilities.**
- 6.11 If during delivery and unloading the supplier causes products to be spilled or otherwise improperly discharged from storage vessels, piping, hoses, and connections, the supplier shall contain, clean up and return the site to the condition existing before the spill. The City shall not be liable for the costs of containment, clean up and returning the site to the pre-spill conditions. The supplier shall notify the City immediately in the case of a spill or accident. If a spill is detected by City personnel after a delivery has been made and it has not been contained, cleaned up or disposed of, the City will immediately contain, clean up and return the site to the condition existing before the spill. The supplier shall, in this case, be liable for the cost of containment, clean up and restoration.

7. TECHNICAL SPECIFICATIONS

7.1 SODIUM HYDROXIDE (CAUSTIC SODA), 25%

- A. The following is the minimum specification for Caustic Soda:
 - i. The material is to meet the American Water Works Association (AWWA) Standard B501-03, latest revision.
 - ii. The material shall contain approximately 25% + 1 sodium Hydroxide (NaOH).
 - iii. The sodium hydroxide supplied shall contain no soluble material or organic substances in quantities capable of producing deleterious or injurious



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

effects on the health of those consuming water that has been treated properly with the sodium hydroxide.

- iv. Potable drinking water application – Chlorine scrubber – 20% Rayon grade Sodium Hydroxide
- B. **Bidder shall include with the offer, the formula used to calculate dry weight from gallons/wet weight.**
- C. Invoice pricing shall be per gallon.
- D. Delivery:
 - i. The trucks shall be self-unloading and be equipped with delivery hoses with 2” and 1½” female quick disconnects.
 - ii. Shipments shall be made in tank trucks that do not degrade the Caustic Soda.
 - iii. The supplier must provide an "Affidavit of Compliance" that the material complies with the American Water Works Association (AWWA) B501-03 standard.
 - iv. Safety Data sheets (SDS) will be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
 - vi. Deliveries shall be made within two (2) working days of an order.
- E. Delivery locations and storage capacities are:
 - i. 83rd Ave Lift Station 1 800 gallons
7500 N 83rd Ave.
Glendale, AZ 85308
 - ii. Raw Sewage Pump Station 500 gallons
9802 W Camelback Rd.
Glendale, AZ 85307
 - iii. Cholla Water Treatment Plant 2,100 gallons
4805 W Cholla St.
Glendale, AZ 85034
 - iv. Pyramid Peak Water Treatment Plant 2,100 gallons
28001 N 63rd Avenue
Pheonix, AZ 85083
- F. Approximate annual requirements 55,000 gallons

7.2 SODIUM HYPOCHLORITE

- A. Following is the minimum specification for sodium hypochlorite:
 - i. The sodium hypochlorite provided shall be suitable for use in disinfection of drinking water, wastewater treatment and meeting the following criteria:

CHEMICAL PROPERTIES 12.5%

- a. Appearance: A green to yellow colored solution
- b. Specific Gravity @ 68°F 1.196 min C.
- c. Density lbs/gal@ 68°F 9.96 min



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

- d. Excess Sodium Hydroxide (wt.%) 0.2 – 1.0 E
 - e. Excess Sodium Carbonate (wt.%) 0.25 max
 - f. Available Chlorine (GPL) 142
 - g. Available Chlorine (wt.%) 11.9
 - h. NaOCl by weight 12.5% min
 - i. Excess NaOH 1.0% max
 - j. Alkalinity 1.5% max
- B. Each bidder shall supply the chemical analysis of the proposed solution with the bid and also on a semi-annual basis.
- C. Award
- i. The City reserves the right to award primary and secondary contracts for this product in order to ensure continuity of supply. The secondary contract(s) will be used if the primary supplier is unable to fill a particular delivery request within two (2) working days.
- D. Invoice pricing shall be per gallon.
- E. Delivery:
- i. The City expects any Contractor to accept only those orders which can be delivered within the time frame requested. If deliveries consistently (50% or more) do not meet the five working day time frame, the City reserves the right to utilize the alternate supplier for the remainder of the contract.
 - ii. The Contractor shall be able to deliver a minimum of 1,500 gallons or totes, as specified under F below to each site by tank truck. Trucks shall be equipped with pumps and hoses, 2" female quick disconnect, to transfer the chemical.
 - iii. Delivery truck drivers shall be equipped with the proper personal protective equipment (apron, goggles, face shield, gloves) for use during off-loading.
 - iv. Delivery truck drivers shall stop at the administration building to sign in and have plant duty operator paged for assistance.
 - v. The delivery truck driver and the plant operator shall together confirm the specific chemical and quantity being delivered and confirm that the chemical is being delivered to a tank with the same chemical as that in the delivery truck.
 - vi. Safety Data sheets (SDS) will be provided with each delivery.
 - vii. Deliveries shall be made on weekdays between 7:30 AM and 2:00 PM. No deliveries will be accepted on weekends or City holidays. Deliveries must arrive with sufficient time to unload before 3:00 PM local Arizona time.
- F. Delivery locations and storage capacities are:
- i. West Area Water Reclamation Facility 10,000 gallons
5901 N Glen Harbor Blvd
Glendale, AZ 85307



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

ii. Arrowhead Water Reclamation Facility 8180 W Union Hills Dr. Glendale, AZ 85308	5,000 gallons
iii. 83 rd Avenue Lift Station 17500 N 83rd Ave Glendale, AZ 85308	800 gallons
iv. Raw Sewage Pump Station 9802 W Camelback Rd Glendale, AZ 85307	500 gallons
v. Oasis Water Treatment Plant 7070 W Northern Ave Glendale, AZ 85303	275 gallon tote
vi. Cholla Water Treatment Plant 4805 W Cholla St Glendale, AZ 85034	275 gallon tote
G. Approximate Annual Requirement	350,000 gallons

7.3. FERRIC CHLORIDE, 40% LIQUID

A. Following is the minimum specification for 40% liquid ferric chloride:

- i. The Liquid Ferric Chloride shall be suitable for use in water treatment and meet the following criteria:
 - a. Fe (III) 13.1 – 14.5%
 - b. FeCL3 (AWWA Equivalent) 37 – 42%
 - c. Fe (II) <0.25%
 - d. Free HCl <0.25%
 - e. Sulfur as Sulfate 3 – 5%
 - f. Water-Insoluble Matter <0.1%
 - g. Specific Gravity 1.3 – 1.5, 1.4 Av.
 - h. Barium <1 mg/kg
 - i. Cadmium <1 mg/kg
 - j. Chromium <50 mg/kg
 - k. Copper <50 mg/kg
 - l. Lead <5 mg/kg
 - m. Nickel <40 mg/kg
 - n. Silver <1 mg/kg
 - o. Zinc <100 mg/kg
 - p. Magnesium <100 mg/kg
 - q. Molybdenum <2 mg/kg
 - r. Titanium <50 mg/kg
 - s. Antimony <10 mg/kg
 - t. Selenium <10 mg/kg
 - u. Mercury <10 mg/kg

B. **Each bidder must provide the mathematical conversion formula of the anhydrous material to aqueous solution with their offer.** This conversion




**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

health of those consuming water that has been treated properly with aluminum sulfate.

- ii. The $Al_2(SO_4)_3 \cdot 14H_2O$ concentration shall be approximately 48% with up to 1% of free acid.
 - iii. Material of questionable quality will be analyzed by an independent laboratory. If it does not meet the specifications the supplier will be required to remit payment to the laboratory for the analysis and remove the rejected material from the plant site.
 - iv. The City reserves the right to reject shipments that have crystallized or do not meet quality specifications.
 - v. A chemical analysis, which includes specific gravity and percent Al_2O_3 must be included with each shipment.
 - vi. Contractor must provide a sample of not less than one (1) pint with each delivery in a container provided by the Contractor.
 - vii. Product, i.e., Alum, shall not be of the "bauxite" type.
- B. The bid must be accompanied by an "Affidavit of Compliance" of the material that the supplier proposes to deliver.
- C. Bidder shall include with their offer the formula used to calculate dry weight to gallons.**
- D. Invoice pricing shall be per gallon.
- E. Delivery:
- i. Shipments shall be made in tank trucks, which will not degrade the Aluminum Sulfate.
 - ii. The truck shall be self-unloading and be equipped with a 2" quick disconnect coupling. The Contractor must be able to deliver a minimum of 1,500 gallons or totes, as specified under F below, to each site by tank truck. Trucks must be equipped with pumps and hoses, 2" female quick disconnect, to transfer chemical.
 - iii. Delivery shall be made within two (2) days of an order.
 - iv. Safety Data sheets (SDS) will be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
- F. Delivery locations and storage capacities are:
- i. Oasis Water Campus 15,200 gallons
7070 W. Northern Ave.
Glendale, AZ 85303

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	---	--

- | | |
|---|-------------------------------------|
| ii. Cholla Water Treatment Plant
4805 W. Cholla Street
Glendale, AZ 85304 | 35,000 gallons |
| iii. Pyramid Peak Water Treatment Plant
28001 N. 63rd Avenue
Phoenix, AZ 85083 | 28,000 gallons |
| iv. West Area Water Reclamation Facility
5901 N Glen Harbor Blvd
Glendale, AZ 85307 | 5,000 gallons or
275 gallon tote |

G. Approximate Annual Requirements: 920,000 Gallons (230 truckloads)

7.5 POWDERED ACTIVATED CARBON (PAC)

A. The following is the minimum specification for Powdered Activated Carbon:

- i. The activated carbon must conform to American Water Works Association (AWWA) Standard B-600-05, latest edition, and will be of a type and quality suitable for use in water treatment, with the property of removing the objectionable tastes and odors caused by any organic or inorganic taste and odor producing bodies encountered in either raw or treated water supplies. Such material will be designated as water purification grade of activated carbon and will be supplied in powdered form.
- ii. Material of questionable quality will be analyzed by an independent laboratory. If it does not meet the specifications the supplier will be required to remit payment to the laboratory for the analysis and remove the rejected material from the plant site. The City reserves the right to reject shipments that do not meet quality specifications.
- iii. A certified analysis giving fineness, apparent density, moisture content, tannin, iodine, and phenol adsorption value shall be submitted with the chemical bid. Failure of carbon to meet any of the following requirements shall be sufficient grounds for rejection of bid.
- iv. The product must be manufactured in the United States.
- v. The product must be equal in performance to HydroDarco B as supplied by Norit Americas, Inc. (this is the most suitable type product that works in our type of source water treatment)
- vi. The powdered activated (PAC) carbon shall contain no substances in quantities capable of producing deleterious or injurious effects on the health of those consuming the water which has been treated properly with the P.A.C.

B. Invoice pricing shall be per dry pound.



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

- B. The bid must be accompanied by an analysis of the material that the supplier proposes to deliver.
- C. The successful bidder must not deliver any material which causes plugging of the chlorine dioxide generator. If such material is delivered, the supplier will forfeit the bid for the remainder of the contract and the next lowest bidder will be selected. The material causing the generator to plug may be removed at the expense of the contractor.
- D. Invoice pricing shall be per pound.
- E. Delivery:
 - i. Shipment must be made in stainless steel, or other suitable material tank trucks, which do not degrade the material in any way.
 - ii. The truck shall be self-unloading and be equipped with a 2" quick disconnect coupling.
 - iii. Safety Data sheets (SDS) must be provided with each delivery.
 - iv. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
 - v. Delivery shall be made within seven (7) days of an order.
- F. Delivery locations and storage capacities are:
 - i. Pyramid Peak Water Treatment Plant 6,500 gallons
28001 N 63rd Ave
Phoenix, AZ 85083
 - ii. Cholla Water Treatment Plant 11,200 gallons
4805 W Cholla St
Glendale, AZ 85304
- G. Approximate Annual Requirements: 70,000 gallons (16 truckloads)

7.7 HYDROFLUOROSILICIC ACID

- A. The following is the minimum specifications for Fluorosilicic Acid:
 - i. Fluorosilicic Acid shall be free of heavy metals for treatment of potable water supplies. Product shall contain no impurities capable of producing ill effects on the health of those consuming water that has been treated properly and be NSF approved.
 - ii. Fluorosilicic Acid at 24.5%, +/-1% (need consistency in delivery) as determined by lab analysis, to meet American Water Works Association (AWWA) Standard B703-06, latest revision.
 - a. The Fluorosilicic Acid solution supplied under these provisions and



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

specifications shall be clean and free from all dirt, wood, and particulate matter which could cause pumping failure; shall meet the requirements of American Water Works Association (AWWA) B703-06 and Water Chemical Codex, as last revised; and shall be furnished as specified.

- b. The maximum concentration of the chemical elements; arsenic, cadmium, chromium, copper, nickel, and lead shall not exceed 200 milligrams per liter as individual elemental concentrations of 1,200 milligrams per liter collectively.
 - c. Inorganic impurities shall be determined by the procedures described in the “heavy metals” sections of the latest edition of Standard Methods for the Examination of Water and Wastewater or in the manual of Methods for Chemical Analysis of Water and Wastes, as least revised, published by the United States Environmental Protection Agency.
- iii. Contractor must provide a sample of not less than one (1) pint with each delivery in a container provided by the contractor.
- a. The City reserves the right to reject shipments that do not meet quality specifications.
 - b. “A CERTIFICATE OF ACCURATE ANALYSIS (PRODUCT CONCENTRATION LEVEL), SPECIFIC TO EACH DELIVERY, MUST ACCOMPANY EACH AND EVERY DELIVERY RESULTING FROM THIS INVITATION FOR BID.”
 - c. The City of Glendale will notify the Contractor when a shipment of Fluorosilicic Acid as specified herein has failed to meet the requirements of 24.5% +/-1%.
 - d. The samples will be stored by the City in a cool dry place for not more than thirty (30) calendar days after notifying the Contractor of the results of the testing.
 - e. The samples will be tested for compliance with the Fluorosilicic Acid content, using the hydrogen titration method, as specified in Section 5.2 of American Water Works Association (AWWA) B703-06.
 - f. Material of questionable quality will be analyzed by an independent laboratory. If it does not meet the specifications the supplier will be required to remit payment to the laboratory for the analysis and remove the rejected material from the plant site.
- B. Bid price offered shall be based on price per pound 100% dry weight equivalent.
- i. **Bidder shall include with their offer the formula used to calculate dry weight from: gallons/wet weight.**
- C. Tank Trailer and Truck Tractor
- i. The truck tractor and tank trailer utilized for shipment of the Fluorosilicic Acid shall be in good condition and shall conform to all Federal, State, County, and city regulatory requirements as to licensing, dimensions,



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

weights, safety, and all other particulars.

- ii. Tank trailer and appurtenant valves and fittings for delivery and handling Fluorosilicic Acid shall conform to the requirements of the Department of Transportation and Bureau of Explosives.
- iii. The Contractor’s driver shall be responsible for the off-loading of the solution into the City’s facility. The driver shall be experienced in the transfer procedures and requirements for this type material, and completely knowledgeable in the application of any emergency procedures required during operation.

D. Unloading

- i. The City shall provide, to the delivery addresses below, a stationary receiving tank for storage of Fluorosilicic Acid. The supplier shall provide necessary piping and/or hose to permit transfer of the Fluorosilicic Acid from the tank/trailer to the stationary receiving tanks. The transfer of the Fluorosilicic Acid from the tank trailer to the receiving tank will be performed by the supplier. The Contractor’s tank trucks shall have transfer equipment with a capacity that will complete the transfer of material within a three (3) hour period without the need for City assistance or equipment.
- ii. In no case shall demurrage be charged to the City. The Contractor shall be familiar with the unloading facilities at the delivery points set forth herein, either by personal inspection or by contacting the appropriate City of Glendale personnel.
- iii. It shall be the responsibility of the Contractor to provide all equipment and supplies necessary for the unloading. Unloading connections to be compatible with 2-inch “cam- lever” coupling (quick coupling) or 2” flange; air padding supplied with unloading.


E. Invoice pricing shall gallon

F. Deliveries

- i. Safety Data sheets (SDS) will be provided with each delivery.
- ii. Deliveries shall be between the hours of 7:30 AM and 4:30 PM, Monday – Friday, unless otherwise specified.
- iii. Deliveries shall be made within fifteen (15) days of an order.

G. Delivery locations and storage capacities are:


- i. Oasis Water Campus 4,000 gallons
7070 W Northern Ave
Glendale, AZ 85303
- ii. Cholla Water Treatment Plant 4,000 gallons
4805 W Cholla St
Glendale, AZ 85304

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	--	--

- iii. Pyramid Peak Water Treatment Plant
28001 N 63rd Ave
Phoenix, AZ 85083
- H. Approximate Annual Requirements: 4,000 gallons
24,000 gallons
(6 truckloads)

7.8 CATIONIC POLYMER, LIQUID CLARIFLOC C358 OR APPROVED EQUAL

- A. The following is the minimum specification for cationic polymer:
 - i. The polymer must function in the pH range of 7.5 to 8.2 and must not depress or elevate the pH of the finished water.
 - ii. The polymer shall not have any chemical in it that would cause the water treated with the polymer to exceed any Safe Drinking Water Standards.
 - iii. The polymer must be completely water soluble and have a monomer content of less than 0.5%.
 - iv. The polymer must be resistant to Potassium Permanganate and Chlorine oxidation.
 - v. Polymer must conform to American Water Works Association (AWWA) Standard B453-06, latest edition.
- B. Minimum Vendor Qualifications:
 - i. The bidder must have been in the business of water treatment polymer manufacturing for at least ten (10) years and must provide technical support in laboratory jar tests and plant testing as required.
- C. Invoice pricing shall be per pound.
- D. Deliveries
 - i. The material is to be delivered in bulk truckloads as the City requests. Shipments shall be made in tank trucks, which will not degrade the polymer. The trucks shall be self-unloading and equipped with a 2" quick disconnect coupling.
 - ii. Material Safety Data sheets (SDS) will be provided with each delivery.
 - iii. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
 - iv. Delivery shall be made within seven (7) days of an order.
- E. Delivery locations and storage capacities are:
 - i. Oasis Water Campus 45,000 pounds
7070 W Northern Ave
Glendale, AZ 85303

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	--	--

- ii. Cholla Water Treatment Plant
4805 W Cholla St
Glendale, AZ 85304 45,000 pounds

- iii. Pyramid Peak Water Treatment Plant 30,000 pounds
28001 N 63rd Ave
Phoenix, AZ 85083

F. Approximate Annual Requirements: 500,000 pounds (17 truckloads)


7.9 CATIONIC POLYMER, LIQUID: CLARIFLOC C6220 POLYMER OR APPROVED EQUAL

- A. The following is the minimum specification for “L” polymer:
 - i. The polymer must function in the pH range of 7.5 to 8.2 and must not depress or elevate the pH of the finished water.
 - ii. The polymer shall not have any chemical in it that would cause the water treated with the polymer to exceed any Safe Drinking Water Standards.
 - iii. The polymer must be completely water-soluble and have a monomer content of less than 0.5%.
 - iv. The polymer must be resistant to Potassium Permanganate and Chlorine oxidation.
 - v. Polymer approved equal substitute of clarifloc n-120 p.
 - vi. Polymer must conform to American Water Works Association (AWWA) Standard B453- 06, latest edition.

- B. Minimum Vendor Qualifications:
 - i. The bidder must have been in the business of water treatment polymer manufacturing for at least ten (10) years and must provide technical support in laboratory jar tests and plant testing as required.

- C. Invoice pricing shall be per pound.

- D. Deliveries
 - i. The material is to be delivered in 2,300-pound totes or bulk truckloads as the City requests. Shipments shall be made in enclosed tractor trailers or tank trucks, which will not degrade the polymer. The bulk trucks shall be self-unloading and equipped with a 2” quick disconnect coupling.
 - ii. Safety Data sheets (SDS) must be provided with each delivery.
 - iii. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
 - iv. Delivery shall be made within seven (7) days of an order.

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
--	--	--

- E. Delivery location and storage capacity are:
 - i. Cholla Water Treatment Plant 4,600 pounds, 2 totes
4805 W Cholla St
Glendale, AZ 85304
- F. Approximate Annual Requirements: 40,000 pounds.

7.10 SODIUM BISULFITE, 40%

- A. The following are minimum specifications for Sodium Bisulfite.
 - i. Sodium Bisulfite (NaHSO3) concentration - 37 to 41%.
 - ii. Sulfur Dioxide content - 22.8 to 25.3%.
 - iii. pH - 3 to 5.
 - iv. Specific Gravity - 1.299 to 1.337
 - v. Solution shall not contain particulates or organic contamination in amounts able to accumulate on inlet strainers with 1/32-inch perforations.
 - vi. Heavy metals – less than 100 ppm
- B. Invoice pricing shall be per gallon.
- C. Deliveries
 - i. Safety Data sheets (SDS) will be provided with each delivery.
 - ii. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
 - iii. Delivery hoses require 2” female quick disconnect.
 - iv. Minimum delivery shall be 500 gallons.
 - v. Delivery shall be made within two (2) days of an order.
- D. Delivery locations and storage capacities are:
 - i. West Area Water Reclamation Facility 1,000 gallons
5901 N Glen Harbor Blvd
Glendale, AZ 85307
 - ii. Arrowhead Water Reclamation Facility 1,200 gallons
and/or drums
5901 N Glen Harbor Blvd
Glendale, AZ 85307
- E. Approximate Annual Requirements: 24,000 gallons

7.11 SALT – COURSE CRYSTAL, SOLAR DRIED – BLOWN IN


- A. The following are minimum specifications for Course Crystal Solar Dried Salt:
 - i. Salt must contain no organic binders (salt pellets are not acceptable).



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

- ii. Percentage NaCl by weight:
 - a. Dry basis 96.3% minimum
 - b. Wet 93.3% minimum
 - iii. Calcium Sulfate 0.30% maximum
 - iv. Magnesium Chloride 0.06% maximum
 - v. Calcium Chloride 0.10% maximum
 - vi. Magnesium Sulfate 0.02% maximum
 - vii. Insolubles 0.10% maximum
 - viii. Moisture (as H₂O) 3.00% maximum
 - ix. Lead 0.0007% maximum
 - x. Copper 0.0003% maximum
 - xi. Iron (as Fe) 0.002% maximum
 - xii. Fluoride 0.01% maximum
- B. Invoice pricing shall be per pound
- C. Deliveries:
- i. Salt must be delivered by truck and blown into the storage tank.
 - ii. Average delivery ranges from 5,000 pounds to 10,000 pounds depending on the site.
 - iii. Product shall be delivered within one (1) working day of product request.
 - iv. An SDS sheet shall be supplied with each delivery.
 - v. Deliveries shall be made between 7:30 AM and 4:30 PM, Monday - Friday.
- D. Delivery locations and storage capacities are:
- i. Oasis Water Campus 3-75 ton tanks
7070 W Northern Ave.
Glendale, AZ 85303
 - ii. Well Site 50 1-75 ton tank
18773 N 64th Dr.
Glendale, AZ 85308
 - iii. Well Site 51 1-30 ton tank
7130 W Potter Dr.
Glendale, AZ 85308
- Two future well sites will be added in the future.
- E. A 30-minute notification is required prior to delivery arriving on site.

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
--	---	--

- F. Current Approximate Annual Requirements: 1,250,000 pounds (25 truckloads)
Future Approximate Annual Requirements: 2,960,000 pounds

7.12 LIQUID SODIUM THIOSULFATE, 30%

- A. The following are minimum specifications for Liquid Sodium Thiosulfate.
- i. Sodium Thiosulfate (Na₂S₂O₃) concentration - 30%.
 - ii. Chemical Name/Synonyms: Sodium Thiosulfate, Aqueous Solution
 - iii. CAS Number: 7772-98-7
 - iv. pH – 7.5% solution, pH 8.6 (anhydrous basis).
 - v. Specific Gravity - 1.2865 @ 16° C
 - vi. OSHA 29 CFR 1910.1200 EVALUATION: Non-Hazardous
 - vii. Appearance and Odor: Clear, pale-yellow liquid, odorless
 - viii. Boiling Point: 110° C
 - ix. Melting Point: -10° C
- B. Invoice pricing shall be per gallon.
- C. Deliveries
- i. Safety Data sheets (SDS) will be provided with each delivery.
 - ii. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
 - iii. Delivery hoses require 2” female quick disconnect.
 - iv. Minimum delivery shall be 500 gallons.
 - v. Delivery shall be made within two (2) days of an order.
- D. Delivery locations and storage capacities are:
- i. West Area Water Reclamation Facility 1,000 Gallons
5901 N Glen Harbor Blvd
Glendale, AZ 85307
- E. Approximate Annual Requirements: 10,000 gallons

7.13 CHLORINE, LIQUID – 2,000 lb and 150 lb CYLINDERS


- A. The following is the minimum specifications for Liquid Chlorine in both 2,000 pound and 150-pound cylinders.
- i. The material shall meet the American Water Works Association (AWWA) Standard B301- 04, latest revision.
 - ii. The chlorine must be 99.5 percent pure by volume.
 - a. General: The liquid chlorine supplied under this standard shall contain no soluble mineral or organic substances in quantities capable of producing deleterious or injurious effects on the health of persons consuming water that has been treated properly with the liquid chlorine.
 - b. Moisture: The liquid chlorine supplied shall be dry chlorine. Moisture shall not exceed 150 ppm (0.015 percent), by weight.



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**


- c. Heavy metals: The sum of all heavy metals shall not exceed 30 ppm (0.003 percent) expressed as lead.
 - d. Lead shall not exceed 10 ppm (0.001 percent) reported as lead.
 - e. Mercury shall not exceed 1 ppm (0.001 percent) reported as mercury.
 - f. Arsenic shall not exceed 3 ppm (0.003 percent) reported as metallic arsenic.
 - g. Nonvolatile residue: The total residue shall not exceed (1) 50 ppm (0.005 percent), by weight, in liquid chlorine as loaded by the manufacturer in tank cars and chlorine tank trucks, or (2) 150 ppm (0.015 percent), by weight, in liquid chlorine as packaged in cylinders or ton containers.
 - h. Carbon tetrachloride: Carbon tetrachloride shall not exceed 100 ppm (0.010 percent). Testing for carbon tetrachloride is not required unless a carbon tetrachloride tail gas scrubbing system is used in the chlorine production unit or if it is used as a diluent for nitrogen trichloride. Consult with your manufacturer, packager, or supplier.
 - i. Trihalomethanes: Trihalomethanes shall not exceed 300 ppm (0.030 percent).
- iii. A new lead gasket shall be provided with each cylinder.
- B. Awarded Contractor(s) shall maintain a local twenty-four (24) hour emergency service for liquid chlorine that includes the following:
- i. The Contractor's representatives shall be equipped with the following minimum equipment when responding to an emergency call:
 - a. Chlorine Institute Emergency Repair Kit for the type and size chlorine cylinders or containers supplied.
 - b. Self-contained breathing apparatus suitable for entering and working in a concentrated chlorine atmosphere.
 - c. One hundred (100) pounds chlorine-absorbing chemical, such as soda ash, sodium thiosulphate, etc.
- C. Any container which shows signs of leakage or if the fusible plugs are painted or taped over will be rejected by the City.
- D. Liquid chlorine shipping containers shall conform to applicable regulations of the Interstate Commerce Commissions. The containers shall be reconditioned, maintained and loaded in strict accordance with the latest edition of "Container Procedure at Chlorine Packaging Plant," issued by the Chlorine Institute, Inc.
- E. The Contractor(s) shall be responsible for the removal and safe disposal of all defective or leaking chlorine cylinders and containers, at his own expense except in the cases where the cause of the emergency is due to abuse in handling or negligence on the part of personnel of the City.

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	--	--

- F. Procedures for the removal and disposal of defective or leaking cylinders or containers shall be approved by the City of Glendale Fire Department.
- G. The supplier shall include with the bid an "Affidavit of Compliance" stating that the chlorine complies with all applicable requirements of the American Water Works Association (AWWA) 301-04 Standard for liquid chlorine or furnishes a certified analysis of the liquid chlorine.
- H. Invoice pricing to be per pound.
- I. Deliveries.
 - i. Safety Data sheets (SDS) must be provided with each delivery.
 - ii. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
 - iii. Delivery shall be within fifteen (15) days of an order for City of Glendale deliveries
- J. Delivery locations and storage capacities:
 - i. Cholla Water Treatment Plant (6) 2,000 lb cylinders
4805 W Cholla St
Glendale, AZ 85034 (6) 150 lb cylinders
 - ii. Pyramid Peak Water Treatment Plant (10) 2,000 lb containers
28001 N 63rd Ave
Phoenix, AZ 85083
- K. Approximate Annual Requirements:
 - i. 150 each 2000# Liquid Chlorine Containers
 - ii. 12 each 150# Liquid Chlorine Cylinders

7.14 SODIUM HYDROXIDE (CAUSTIC SODA), 50%

- A. The following is the minimum specification for Caustic Soda:
 - i. The material is to meet the American Water Works Association (AWWA) Standard B501- 03, latest revision.
 - ii. The material shall contain approximately 50% + 1 Sodium Hydroxide (NaOH).
 - iii. The sodium hydroxide supplied shall contain no soluble material or organic substances in quantities capable of producing deleterious or injurious effects on the health of those consuming water that has been treated properly with the sodium hydroxide.
- B. Bidder shall include with their offer the formula used to calculate dry weight from gallons/wet weight.**
- C. Invoice pricing to be per gallon.

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	---	--

D. Delivery:

- i. The trucks shall be self-unloading and be equipped with delivery hoses with 1½” & 2” female quick disconnects.
- ii. Shipments shall be made in tank trucks that do not degrade the Caustic Soda.
- iii. Safety Data sheets (SDS) will be provided with each delivery.
- iv. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Mon – Fri, unless otherwise specified
- v. Delivery required within five (5) days of placing order.

E. Delivery locations and storage capacities:

- i. Oasis Water Campus 13,000 gallons
70708 W Northern Ave
Glendale, AZ 85303
- ii. Cholla Water Treatment Plant 18,000 gallons
4805 W Cholla St
Glendale, AZ 85304
- iii. Pyramid Peak Water Treatment Plant 20,000 gallons
28001 N 63rd Ave
Phoenix, AZ 85083

F. Approximate Annual Requirements: 465,500 gallons (133 truckloads)

7.15 WESTATES COAL BASED PELLETIZED ACTIVATE CARBON (VOCARB P60) OR APPROVED EQUAL

A. The following is the minimum specification for Pelletized Activated Carbon:

- i. Carbon Type Anthracite Coal
- ii. Mesh Size, U.S. Sieve 4 x 6
- iii. Butane Activity 23.5 per ASTM (D5742)
- iv. Hardness No., Wt.% 95
- v. Moisture Content, Wt.% 2
- vi. Apparent Density, g/cc 0.46 – 0.53
- vii. Mean Pellet Diameter, mm 4.0
- viii. CTC Activity 60 per ASTM (D3467)\

A certified analysis giving carbon type, mesh size, butane activity, hardness, moisture content, apparent density, mean pellet diameter and CTC activity value must submitted with the chemical bid. Failure of carbon



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

to meet any of the requirements shall be sufficient grounds for rejection of bid.

- B. The product must be equal in performance to VoCarb P60 as supplied by Evoqua Water Technologies (Our odor control unit was originally designed to utilize this carbon)
- C. Invoice pricing to be per dry pound.
- D. Delivery:
 - i. Shipments shall be made in trucks which do not degrade the pelletized activated carbon.
 - ii. The truck shall be self-unloading.
 - iii. Delivery shall be made within fifteen (15) days of an order.
 - iv. Safety Data sheets (SDS) will be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
- E. Delivery location and storage capacity are:
 - i. 83rd Ave Lift Station 2,000 lbs
17500 N 83rd Ave
Glendale, AZ 85308
- F. Approximate Annual Requirements: 2,000 dry lbs (as needed basis).

7.16 WESTATES IMPREGNATED PELLETIZED ACTIVATED CARBON (VOCARB UOCH-KP) OR APPROVED EQUAL

- A. The following is the minimum specification for Pelletized Activated Carbon:
 - i. Carbon Type Coal based activated carbon impregnated with potassium hydroxide
 - ii. Substrate Iodine No., mgI₂/g 1000 min
 - iii. Substrate Butane Activity 27 min
 - iv. Hardness No., Wt.% 95
 - v. Mean Pellet Diameter, mm 4.0 – 4.25
 - vi. Moisture Content, Wt.% 15 Max
 - vii. Apparent Density, g/cc 0.62
 - viii. H₂S Capacity, gH₂S/cc**
@ 0 to 300 ppmv 0.15
@3000 ppmv .014
 - ix. Solubility (g/100g H₂O) 0oC 20oC
K₂CO₃ 105 112



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

Na₂CO₃

7 14

A certified analysis giving the above specification values shall be submitted with the chemical bid. Failure of carbon to meet any of the requirements shall be sufficient grounds for rejection of bid.

- x. The product must be equal in performance to VoCarb UOCH-KP as supplied by Evoqua Water Technologies (Our odor control unit was originally designed to utilize this carbon)
- B. Invoice pricing to be per dry pound.
- C. Delivery:
 - i. Shipments shall be made in trucks which do not degrade the pelletized activated carbon.
 - ii. The truck shall be self-unloading.
 - iii. Delivery shall be made within fifteen (15) days of an order.
 - iv. Safety Data sheets (SDS) will be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
- D. Delivery location and storage capacity are:
 - i. Raw Sewage Pump Station 6,500 lbs
9802 W Camelback Rd
Glendale, AZ 85307
- E. Approximate Annual Requirements: 6,500 lbs (dry wt. as needed basis).

7.17 ACTIVATED CARBON SUBSTRATE BITUMINOUS COAL

- A. The following is the minimum specification for Activated Carbon Bituminous Coal:
 - i. Substrate Bituminous Coal
 - ii. Particle Size, U.S. Sieve 4 mm per ASTM
2862
 - iii. Iodine number 1200
 - iv. CCL₄ Number, weight % 60 per ASTM D3467
 - v. Butane Activity 15.6 per ASTM
D3467
 - vi. Hardness No. minimum, Wt.% 97 per ASTM D3802
 - vii. Moisture Content, Wt.% max 5 per ASTM D2867
 - viii. Apparent Density, minimum lbs/ft³ 30 per ASTM D2862
 - ix. Max. ash content, weight % 7
 - x. Max. head loss trough bed at 50 fpm 2.4
velocity (inches w.c./ft bed depth)



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

- xi. H2S breakthrough capacity minimum, gms H2S removal/gm carbon 0.18

A certified analysis providing above specifications value shall be submitted with the chemical bid. Failure of carbon to meet any of the requirements shall be sufficient grounds for rejection of bid.

- B. Invoice pricing to be per dry pound.
- C. Delivery:
 - i. Shipments shall be made in trucks which do not degrade the activated carbon.
 - ii. The truck shall be self-unloading.
 - iii. Delivery shall be made within fifteen (15) days of an order.
 - iv. Safety Data sheets (SDS) must be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
- D. Delivery location and storage capacity are:
 - i. West Area Water Reclamation Facility
5901 N Glen Harbor Blvd
Glendale, AZ 85307
- E. Approximate Annual Requirements: 3,400 pound. (dry wt. as needed basis).

7.18 ECS SULFADSORB-HC CARBON

- A. The following is the minimum specification for ECS SULFADSORB-HC:
 - i. The carbon shall be virgin, pelletized, activated carbon. The carbon must be suitable for vapor phase adsorption of sewage and wastewater treatment odors.
 - a. Carbon Product Name - ECS SULFADSORB-HC or approved equal
 - b. Product Description High Capacity, Activated Carbon
 - c. H2S Capacity, gH2S/cc carbon 0.3 minimum
 - d. Mean Particle Diameter 4 mm
 - e. Moisture Content, Wt% max 5%
 - f. Apparent Density, minimum, g/cc 0.45
 - g. Carbon Tetrachloride Activity, min 60%
 - h. Hardness No. minimum 95
 - i. Max. ash content, weight % 5%
 - j. Max. head loss trough bed at 50 fpm velocity (inches w.c./ft bed depth) 1 dense packed

A certified analysis providing above specifications value shall be submitted with the chemical bid. Failure of carbon to meet any of the requirements shall be sufficient grounds for rejection of bid.



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

The product must be equal in performance to ECS SULFADSORB-HC as supplied by ECS (Our odor control unit was originally designed to utilize this carbon)

- B. The pricing to be per dry pound.
- C. Delivery:
 - i. Shipments shall be made in trucks which do not degrade the activated carbon.
 - ii. The truck shall be self-unloading.
 - iii. Delivery shall be made within fifteen (15) days of an order.
 - iv. Safety Data sheets (SDS) must be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
- D. Delivery locations and storage capacities are:
 - i. Arrowhead Water Reclamation Facility 22,000 lbs
8180 W Union Hills Dr
Glendale, AZ 85308
- E. Approximate Annual Requirements: 22,000 pounds (dry wt. as needed basis).

7.19 ECS VC-PLUS CARBON

- A. The following is the minimum specification for ECS VC-PLUS Activated Carbon:
 - i. The carbon media supplied shall be virgin, granular, activated carbon. The carbon must be suitable for vapor phase adsorption of sewage and wastewater treatment odors.
 - a. Carbon Product Name - ECS VC-PLUS or approved equal
 - b. Product Description Enhanced Virgin Coconut Shell Media
 - c. H₂S Capacity, gH₂S/cc carbon 0.06 minimum
 - d. Moisture Content, Wt.% max 4%
 - e. Apparent Density, minimum, g/cc 0.46 – 0.52
 - f. Carbon Tetrachloride Activity, min 60%
 - g. Hardness No. minimum, Wt.% 99
 - h. Max. ash content, weight % 7%
 - i. Max. head loss trough bed at 50 fpm
 - j. velocity (inches w.c./ft bed depth) 1.5 dense packed

A certified analysis providing above specifications value shall be submitted with the chemical bid. Failure of carbon to meet any of the requirements shall be sufficient grounds for rejection of bid.
 - k. The product must be equal in performance to ECS VC-PLUS as supplied



**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

by ECS (Our odor control unit was originally designed to utilize this carbon)

- B. Invoice pricing to be per cubic feet.
- C. Delivery:
 - i. Shipments shall be made in trucks which do not degrade the activated carbon.
 - ii. The truck shall be self-unloading.
 - iii. Delivery shall be made within fifteen (15) days of an order.
 - iv. Safety Data sheets (SDS) must be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
- D. Delivery locations and storage capacities are:
 - West Area Water Reclamation Facility
 - 5901 N Glen Blvd
 - Glendale, AZ 85307
- E. Approximate Annual Requirements: 22,000 pounds. (dry wt. as needed basis).


7.20 CENTAUR HSV 4x6 GRANULAR ACTIVATED CARBON OR APPROVED EQUAL

- A. The following is the minimum specification for Granular Activated Carbon:

i. Initial H2S Capacity, gm/ml, min	0.09	ASTM D6646 TM 41
ii. Ultimate H2S Capacity, gm/ml, min	0.69	ASTM D6646 TM 41
iii. Iodine No., mg/g min	800	TM-4, ASTM D4607
iv. Peroxide No., Max	19	TM-25
v. Butane Activity, wt% min	15.6	TM-36, ASTM D5742
vi. ASH, wt% max	7	ASTM D2866, TM-5
vii. Moisture (as packaged), Wt.%, max	4	TM-1, ASTM D 2867
viii. Hardness No., min	97	ASTM D3802
ix. Density (apparent), g/cc, min	0.56	TM-7, ASTM D2854
x. Mean Particle Diameter, mm, min	3.6	TM-23, ASTM D2862
xi. On 4 US Mesh [4.75mm], wt%, max	15	TM-8
xii. Through 10 US Mesh, wt%, max	2	TM-8
- xiii. When odor breakthrough occurs, the spent carbon can be regenerated in place. The H2S capacity can be restored by water washing the CENTAUR HSV carbon.

A certified analysis providing above specifications value shall be submitted with the chemical bid. Failure of carbon to meet any of the requirements shall be sufficient grounds for rejection of bid

- xiv. The product must be equal in performance to CENTAUR HSV as supplied by Calgon Carbon (Our odor control unit was originally designed to utilize this carbon media)

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
--	---	--

- B. Invoice pricing to be per dry pound.
- C. Delivery:
 - i. Shipments shall be made in trucks which do not degrade the pelletized activated carbon.
 - ii. The truck shall be self-unloading.
 - iii. Delivery shall be made within fifteen (15) days of an order.
 - iv. Safety Data sheets (SDS) must be provided with each delivery.
 - v. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday – Friday, unless otherwise specified.
- D. Delivery locations and storage capacities are:
 - i. West Area Reclamation Facility 96,000 pounds
5901 N Glen Harbor Blvd
Glendale, AZ 85307
- E. Approximate Annual Requirements: 96,000 pounds. (dry wt. as needed basis).

7.21 CARBON DIOXIDE (CO²)

- A. The following are the minimum specifications for Liquid Carbon Dioxide:
- B. The Liquid Carbon Dioxide must conform to the American Water Works Association and ANSI Standard B510-8, latest revision.
- C. The Carbon Dioxide Purity ≥99.90 % minimum, with a Maximum Allowable Limit: 20 ppm total hydrocarbons
 - i. 0.2ppm Acetaldehyde
 - ii. 30 ppm Oxygen
 - iii. 10 (vapor) CO
 - iv. 2.5 ppm total Nox
 - v. 2.5 ppm Ammonia
 - vi. 0.1 ppm total Sulfur
 - vii. 0.1 ppm if total S> 0.1test COS
 - viii.0.1 ppm if total S>0.1test H2S
 - ix. 1.0 ppm if total S>0.1test SO2
 - x. Total Aromatics 20 ppb
 - xi. Non-volatile residues 10 ppm
 - xii. Free from Odor
 - xiii.Color – white opaque
 - xiv.Free from Taste




**SOLICITATION NUMBER:
IFB 25-43/42500088
WATER AND WASTEWATER CHEMICALS
AND FILTER MEDIA**

**CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302**

- D. Each bidder shall supply the chemical analysis of the proposed Carbon Dioxide Liquid with the bid and upon every delivery to the facility.
- E. The City reserves the right to award primary and secondary contracts for this product in order to ensure continuity of supply. The secondary contract(s) will be used if the primary supplier is unable to fill a delivery request within five (5) working days.
- F. Invoice pricing to be per pound.
- G. Delivery
 - i. The contractor must be able to deliver a minimum of 36,000 pounds to each site by tank truck. Trucks shall be equipped with pumps and hoses and fitting (MAWP 450) to transfer the chemical.
 - ii. Delivery truck drivers shall be equipped with the proper personal protective equipment (suit, goggles, face shield, gloves, boots) for the use during off loading).
 - iii. A current Safety Data Sheet (SDS) will be provided with each delivery.
 - iv. Deliveries shall be made on weekdays between 7:30 AM and 3:00 PM. No deliveries will be accepted on weekends.
- H. Delivery locations and storage capacities are:
 - i. Oasis Water Campus 120,000 pounds
7070 W Northern Ave
Glendale, AZ 85303
 - ii. Cholla Water Treatment Plant 120,000 pounds
4805 W Cholla St
Glendale, AZ 85304
- I. Approximate Annual Requirements: 1,600,000 pounds (gas)

7.22 FILTER MEDIA – ANTHRACITE

- A. The following is the minimum specifications for Filter Media Anthracite.
 - i. Media must meet and/or exceed American Water Works Associations Standard B100 (latest Revision).
 - ii. Effective Size: 1.44 mm - 1.55 mm
 - iii. Uniformity Coefficient: 1.4
 - iv. Samples and/or test results detailing the physical and chemical characteristics of the filtering material must be provided for review and approval prior to release for shipment.
- B. Invoice pricing to be per dry pound.
- C. Delivery
 - i. Material must be packaged in semi-bulk containers, "Superbags", with lifting sleeves and bottom discharge spout, containing approximately 3,000 pounds per bag.

	SOLICITATION NUMBER: IFB 25-43/42500088 WATER AND WASTEWATER CHEMICALS AND FILTER MEDIA	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	---	--

- ii. Shipments shall be made in trucks which do not degrade the filter media.
- iii. The truck shall be self-unloading.
- iv. Delivery shall be made within fifteen (15) days of an order.
- v. Safety Data Sheet (SDS) will be provided with each delivery.
- vi. Deliveries shall be between the hours of 7:30 AM and 3:00 PM, Monday - Friday, unless otherwise specified.
- D. Delivery Locations and storage capacities are:
 - i. West Area Water Reclamation Facility
5901 N Glen Harbor Blvd.
Glendale, AZ 85307.

Storage Capacity
 - a. Eight (8) filters
 - b. 364 square feet each
 - c. Total Filter Area - 2,912 square feet
 - d. Total Filter Media Capacity - 302.8 tons
 - ii. Pyramid Peak Water Treatment Plant
28001 N 63rd Ave
Phoenix, AZ 85083
Storage Capacity
 - a. 19 filters
 - b. 304 square feet
 - c. 912 cubic feet
 - d. Total filter media capacity 433 tons
- E. Estimate 100,000 pounds annually

8. OTHER REQUIREMENTS

- A. Term. The term of the resultant contract shall be for a one (1) year initial term.
- B. Option to Extend. Based on satisfactory Bidder performance, the City, may at its option and upon mutual agreement with the Bidder, extend the term of this agreement for an additional four (4) years renewable on an annual basis. Bidder shall be notified in writing by the City Materials Manager of the City's intention to extend the contract period at least ninety (90) calendar days prior to the expiration of the original contract period.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

EXHIBIT 1: SPECIAL NOTICES

By signing on the Offer/Bid page, solicitation Amendment(s), or cover letter accompanying the submittal documents, Offerors are certifying that they understand the following notices and agree to comply with all required terms and conditions.

1. RETURN OF OFFER The Offeror shall submit the Response Workbook electronically in Vendor Self Service (VSS)

Offeror is required to register in VSS prior to submitting a proposal if they have not already registered. You can register at:

<https://glendaleazvendors.munisselfservice.com/Vendors/default.aspx>

Please see Guide to Register as a new vendor, if needed:

https://www.glendaleaz.com/your_government/city_finances/procurement/vendor_self_service_v_s_s

(This is a PDF document. "Vendor Registration Instructions" at the bottom of page.)

- a. The Offeror shall complete all sections of the solicitation in the format given and the spaces provided. Proposals that do not conform to the above format may be rejected.
- b. The Offeror shall bear all costs associated with submitting the proposal, including proposal preparation, site visitation or any travel connected with submission of the proposal. The City shall have no liability whatsoever for such costs.

2. BID OPENING

A bid opening meeting will be held **on date and time as specified on page 1 of this bid.** Attendance is not required. The amount of each bid and the name of each bidder shall be provided.

3. PREPARATION OF BID PACKAGE The following items shall be completed and returned. Failure to include all the items may result in a bid being rejected. Bid packages shall be submitted in the following order:

- a. BIDDER SHEET
- b. PRICING WORKBOOK
- c. ADDENDUM, Return all addenda (if applicable).

4. NO CONTACT, NO INFLUENCE DURING THE IFB PROCESS

The City is conducting a competitive IFB process for the contract, free from improper influence or lobbying. There shall be no contact concerning this IFB from Offerors submitting a Bid with any member of the City Council, IFB Evaluation Committee Members, or anyone connected with the process for or on behalf of the City. Contact includes direct or indirect contact by the Offeror, its employees, attorneys, lobbyists, surrogates, etc. in an attempt to influence the IFB process.

From the time the IFB is issued until the expiration of the protest period or the resolution of any protest, whichever is later (the "Silent Period"), Offerors, directly or indirectly through others, are restricted from attempting to influence in any manner the decision making process through, including but not limited to, the use of paid media; contacting or



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

lobbying the City Council or City Manager or any other City employee (other than Procurement employees); the use of any media for the purpose of influencing the outcome; or in any other way that could be construed to influence any part of the decision-making process about this IFB. This provision shall not prohibit an Offeror from petitioning an elected official or engaging in any other protected first amendment activity after the protest period has run or any protest has been resolved, whichever is later. Violation of this provision will cause the proposal or offer of the Bidder to be found in violation and to be rejected.

5. **CONFLICT OF INTEREST** Contractor shall disclose the following: 1) the name(s) and position(s) of each Contractor’s employee or subcontractor that participated in the preparation of the submittal or who will be involved, directly or indirectly, with performing the contract, if awarded; 2) the name(s) of any City of Glendale employee who is a relative of persons identified pursuant to No. 1; 3) the name(s) and position(s) of Contractor’s personnel that have a financial or proprietary interest in the contract; 4) the name(s) of any City of Glendale employee who is a relative of persons identified pursuant to No. 3.

Providing such disclosure will not necessarily disqualify a Contractor. Failure to disclose the requested information or any potential conflict of interest pursuant to A.R.S. § 38-511 et seq. may result in rejection of the proposal or bid or any contract being void or terminated.

For purposes of this provision, the following definitions apply:

“Employee” means all persons who are employed on a full-time, part-time or contract basis by the City of Glendale.

“Relative” means the spouse, child, child’s child, parent, grandparent, brother or sister of the whole or half blood and their spouses and the parent, brother, sister or child of a spouse.

6. **QUESTIONS AND INQUIRIES** Any question related to the Invitation to Bid shall be directed to the Contract Analyst whose name appears above. An Offeror shall not contact or ask questions of the department for whom the requirement is being procured. **Questions must be submitted in writing via email by 2:00 PM Local Time on or before the date shown on Page 1 of this document.** Any correspondence related to a solicitation should refer to the appropriate Request for Proposal number, page and paragraph number. Oral interpretations or clarifications will be without legal effect. Only questions answered by a formal written amendment to the Request for Proposal will be binding.

7. **PUBLIC RECORD REQUIREMENTS** Offeror acknowledges that the City is a public agency and must comply with all Public Records laws and proposals submitted become the property of the City and are subject to public disclosure requirements in accordance with Arizona Public Records Law. Any portion of the proposal that the bidder deems confidential or proprietary must be clearly labeled as such. Labeling material does not automatically preclude the material from public disclosure, as the City is required to make an appropriate determination as to the confidentiality of the material in accordance with Arizona Public Records Law. It is the offeror’s sole responsibility and cost to take action,



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

including legal actions, to protect such material. Price is not confidential and will not be withheld.

8. **PERMITS AND LICENSES** It is the offeror’s sole responsibility to determine and secure any and all licenses and permits the contractor needs to operate the facility, from any regulatory body having jurisdiction related to the services being provided. Such costs are the exclusive responsibility of the operator, operator must also ensure appropriate licensing of any sub-contractors, operator shall notify the City in writing within two (2) working days of any suspension, revocation or renewal.
9. **NO COLLUSION OR ANTI-COMPETITIVE PRACTICES** The submission of the offer did not involve collusion, and without any agreement, understanding or planned common course of action with, any other vendor of materials, supplies, equipment or services described in the invitation to bid, designed to limit independent bidding or competition or other anti-competitive practices.
10. **NON-DISCRIMINATION** Contractor agrees not to discriminate against any employee or applicant for employment on the basis of race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity or expression, genetic characteristics, familial status, U.S. military veteran status or any disability. Contractor will require any Sub-contractor to be bound to the same requirements as stated within this section. Contractor, and on behalf of any subcontractors, warrants compliance with this section.
11. **NO CONSIDERATIONS** The Contractor has not given, offered to give, nor intends to give at any time hereafter, any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, meal or service to a public servant in connection with the submitted offer.
12. **AUTHORIZED AGENT** The individual signing the submittal is an authorized agent and has the authority to bind the Offeror to the proposal and subsequent contract if awarded.
13. **KEY PERSONNEL** If awarded, Offeror shall assign a specific individual as the key point of contact for the management of the contract, subject to specific notification requirements to be included in the final contract.
14. **SITE INSPECTION** It is the responsibility of the Offeror to become familiar with any conditions which may affect the performance and cost of providing the service and this submission will serve as evidence that the Offeror did, in fact, make a site inspection and is aware of all conditions.
15. **OFFICIAL TIME CLOCK** The official time clock used is the time stamp of the online submission.
16. **DEFINITIONS** For purposes of this Invitation to Bid and Resultant contract, the following definitions apply:
 - a. **“City”** means the municipal corporation of the City of Glendale, Arizona
 - b. **“Contract”** means the agreement for the procurement of goods, services and work.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- c. **“Contractor”** means an Offeror responding to a Invitation to Bid who has been awarded a Contract with the City.
- d. **“Invitation for Bid”** means a competitive solicitation issued by the City for the procurement of goods, services, work, materials and/or construction.
- e. **“Offer”** means a written offer to furnish goods, services, work, materials and/or construction to the City, in conformity with the standards, specifications, delivery terms and conditions, and all other requirements established in a competitive solicitation.
- f. **“Offeror”** means the business, entity or person who submits an Offer in response to a competitive solicitation.
- g. **“Public Record”** means proposals and all other documents submitted in response to this solicitation shall become the property of the City and shall be a matter of public record available for review following the Contract award.
- h. **“Purchase Order”** means a document issued by the City Procurement Office directing the Contractor to deliver goods, services, work, materials and/or construction.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

EXHIBIT 2: SPECIAL TERMS AND CONDITIONS

By signing on the Offer/Bid page, solicitation Amendment(s), or cover letter accompanying the submittal documents, Offerors are certifying that they understand the following notices and agree to comply with all required terms and conditions. [Standard Terms and Conditions](#)

1. **TYPE OF AWARDS** The City reserves the right to make multiple awards or to award by individual line items, by group of line items, or to make an aggregate award, whichever is deemed most advantageous to the City. If the City determines that an aggregate award to one offeror is not in the City's best interest, "all or none" offers shall be rejected.
2. **EFFECTIVE PERIOD OF OFFER** Offers shall be valid for a minimum of 120 days following the deadline for submitting offers. If an award is not made during that period, all offers shall be automatically extended for another 120 days. Offers will be automatically renewed until such time as either an award is made or proper Notice is given to the Procurement Officer of Offeror's intent to withdraw its offer. Offers may only be withdrawn by submitting Notice at least 15 days before the expiration of the then current 120-day period.
3. **ARIZONA CORPORATION COMMISSION (ACC)** As a condition of doing business and prior to contract award, the contractor must be registered with the Arizona Corporation Commission (ACC) and maintain active status.
4. **PAYMENT TERMS** If payment terms are not indicated, terms of NET 30 days shall be applied by the City. Payment terms to apply after receipt of invoice or final acceptance of the products/services, whichever is later. Payment terms offering less than 20 days for payment will not be considered.
5. **UNIT PRICE TO PREVAIL** In the event of a price disparity between the unit and extended price, the unit price shall prevail unless judged obviously in error by the City.
6. **OFFER ERRORS OMISSIONS AND CORRECTIONS** The City will not be responsible for any offeror errors or omissions. All prices and notations shall be written in ink or typed. Changes or corrections made on the offer form must be initialed in ink by the individual signing the offer. No corrections will be permitted after the offers have been opened.
7. **BRAND NAME REFERENCES AND TECHNICAL SPECIFICATIONS** Brand names or manufacturer's references shall be construed as a quality or performance level and does not indicate the item cited is mandatory. Technical specifications define the acceptable standard.
8. **RESTRICTIVE OFFER PROVISIONS** If specifications preclude an otherwise qualified offeror from submitting an offer, a written request for modification must be received by the Buyer at least seven (7) calendar days prior to the proposal due date. All offerors will be notified by a written addendum to the solicitation of any approved changes.
9. **DEFAULT** In case of default by the contractor, the City may, by written notice, cancel this contract and repurchase from another source and may recover the excess costs by (1) deduction from an unpaid balance due; (2) collection against the bid and/or performance bond; or (3) a combination of the aforementioned remedies or other remedies as provided by law.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302


- 10. TERMINATION FOR CONVENIENCE** The City reserves the right to terminate any order or contract upon thirty days written notice. The City will be responsible only for those standard items which have been delivered and accepted. If the items are unique and not saleable or useable for any other application, the City will reimburse the Seller for actual labor, material, and burden costs, plus a profit not to exceed 8%. Title to all materials, work-in-process, and completed but undelivered goods will pass to the City after costs are claimed and allowed.
- 11. SUB-CONTRACTING** The contract or any portion thereof, shall not be sub-contracted without the prior written approval of the Materials Manager. No such approval will be construed as making the City a party of or to such sub-contract or subjecting the City to liability of any kind to any sub-contractor. No sub-contract shall, under any circumstances, relieve the contractor of liability and obligation under this contract; and despite any such subletting the City shall deal through the contractor. Sub-contractors will be dealt with as workmen and representatives of the contractor.
- 12. SAFETY DATA SHEETS (SDS).** Contractor is to supply SDS) in accordance with Federal requirements for The Globally Harmonized System of Classification and Labeling of Chemicals (GHS). Contractor entering the City workplace with hazardous materials will supply the City with a Safety Data Sheets (SDS) covering those particular products the contractor may expose City employees or the general public to while working at the site.
- 13. GENERAL INDEMNIFICATION:** Contractor shall indemnify, defend, save and hold harmless the City of Glendale and its officers, officials, agents, and employees (hereinafter referred to as "Indemnitee") from and against any and all claims, actions, liabilities, damages, losses, or expenses (including court costs, attorneys' fees, and costs of claim processing, investigation and litigation) (hereinafter referred to as "Claims") for bodily injury or personal injury (including death), or loss or damage to tangible or intangible property caused, or alleged to be caused, in whole or in part, by the negligent or willful acts or omissions of Contractor or any of its owners, officers, directors, agents, employees or subcontractors. This indemnity includes any claim or amount arising out of or recovered under the Workers' Compensation Law or arising out of the failure of such Contractor to conform to any Federal, State or local law, statute, ordinance, rule, regulation or court decree. It is the specific intention of the parties that the Indemnitee shall, in all instances, except for Claims arising solely from the negligent or willful acts or omissions of the Indemnitee, be indemnified by Contractor from and against any and all claims. It is agreed that Contractor will be responsible for primary loss investigation, defense and judgment costs where this indemnification is applicable. In consideration of the award of this contract, the Contractor agrees to waive all rights of subrogation against the City, its officers, officials, agents, and employees for losses arising from the work performed by the Contractor for the City.
- 14. RESPONSIBILITY FOR COMPLIANCE WITH LEGAL REQUIREMENTS** The offeror's products, services, and facilities shall be in full compliance with all applicable Federal, State, and local health, environmental, and safety laws, regulations, standards, and ordinances, regardless of whether or not they are referred to by the City.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- 15. RESPONSIBILITY FOR CORRECTION** It is agreed that the offeror shall be fully responsible for making any correction, replacement, or modification necessary for specification or legal compliance. In the event of a call back, Offeror agrees to give the City first priority. Offeror agrees that if the product or service offered does not comply with the written specification, the Materials Manager has the right to cancel the sale at any time with full refund within thirty (30) calendar days after notice of noncompliance and offeror further agrees to be fully responsible for any consequential damages suffered by the City.
- 16. WARRANTY** Unless otherwise specified, all items shall be guaranteed for a minimum period of one year against defects in material and workmanship. During the period, if a defect should occur, that item shall be repaired or replaced by the Seller at no obligation to the City, except where it be shown that the defect was caused by misuse and not by faulty manufacture. The offeror expressly warrants all items to be new, free from defects in design, materials, and workmanship, and to be fit and sufficient for their intended purpose. Any sample submitted shall create an expressed warranty that the whole of the goods shall conform to the sample or model.
- 17. REJECTION OF OFFERS** The City reserves the right to reject any or all offers, or any part thereof; to accept any offer or any part thereof; or to waive any informalities when it is deemed to be in the City's best interest.
- 18. DELAY IN EXERCISING CONTRACT REMEDY** Failure or delay by the City to exercise any right, power, or privilege shall not be deemed a waiver thereof.
- 19. ORDER OF PRECEDENCE** In the event of conflict, the following precedence shall prevail: (1) Special Terms and Conditions incorporated by attachment; (2) Special Terms and Conditions; (3) Drawings and Specifications; (4) referenced documents; and (5) the Standard Terms and Conditions.
- 20. CHANGES** The City reserves the right to make changes in any of the following: (a) specifications; (b) methods of shipment; (c) place of delivery; (d) time of delivery; (e) quantities. If any change causes an increase or decrease in the cost of or the time required for performance, an equitable adjustment may be made in the price or delivery schedule, or both. Any claim for adjustment shall be deemed waived unless asserted in writing within thirty days from receipt of the change. Price increases or extensions of delivery time shall not be binding on the City unless in writing and approved by the Materials Manager prior to the institution of the change.
- 21. PRICE ADJUSTMENTS** Price adjustments shall be addressed a minimum of ninety (90) days prior to the contract renewal date, shall be in writing and include supportive justification for the proposed increase. Supportive justification means that the request shall include detailed information and calculations that make it clear how the claimed increase has an impact on the contract unit prices. The requested price increase must be based upon a cost increase that was clearly unpredictable at the time of the offer and can be shown to directly affect price of the item concerned. The rate increase shall only be considered at time of contract extension. The City will review the request and shall determine if the increase shall be granted or if an alternate option is in the best interest of

	City of Glendale Solicitation Number: IFB 25-43 /42500088 WATER AND WASTEWATER TREATMENT CHEMICALS AND FILTER MEDIA EXHIBITS PACKAGE	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
---	---	--

the City. The price increase adjustment, if approved, will be effective and executed via a contract amendment.

- 22. LATE SUBMISSION OF CLAIM** The City will not honor any invoices or claims which are tendered one year after the last item of the account accrued.
- 23. NOTICE OF INTENT TO AWARD** Information about the recommended award for this solicitation will be posted [here](#) and will be available immediately after the City has completed its evaluation process. Questions regarding the notice of intent to award must be directed to the listed Procurement Officer immediately. All Offerors recognize and agree that once a Notice of Intent to Award is issued by the City, all documents in the City’s Procurement file related to this RFP are public records available to any party interested in reviewing them.
- 24. FILING A PROTEST** Offeror may file a protest regarding the Notice of Intent to Award. To be considered valid, the protest must:
- Be submitted in writing to the Finance Director no later than:
 - Seven (7) calendar days after the protestor knew or should have known the basis of the objection, or
 - Fifteen (15) calendar days after the Notice of Intent to Award has been issued, whichever is shorter.
 - Specifically identify the objection to the award;
 - Provide the name, address, telephone number and email address of protestant;
 - Include the identification of the solicitation or contract number;
 - Provide a detailed statement of the legal and factual grounds of the protest, including copies of relevant supporting documentation at the time of filing; and
 - Include the form of relief requested.

The Finance Director has the authority to determine if a protest has been submitted timely. Untimely protests will not be considered and will be dismissed.

If a protest is submitted within the required timeframe, the Finance Director will review all information and documentation provided. After consulting with the City Attorney’s Office, the Finance Director will issue a written determination indicating whether the requested relief is accepted, rejected, or modified. A final decision will be issued within fourteen (14) business days of receiving the protest. If no decision is issued within this timeframe, the protest will be considered denied.

- 25. REMEDIES** City shall have, in addition to the remedies provided herein, all remedies afforded by the Uniform Commercial Code as adopted by the State of Arizona. Contractor



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

shall have, subject to the limitation imposed by the terms of this agreement, all remedies afforded by the Uniform Commercial Code as adopted by the State of Arizona.

26. **ASSIGNMENT** Neither an order nor monies due thereunder shall be assigned in whole or in part without the City's prior written consent.
27. **ADDENDA** Any change to the solicitation will be in the form of a numbered addendum issued by the Procurement Division. The addendum will be furnished to all who received the solicitation. The City will not be responsible for any oral or written instructions made by any employees, officers, contracted consultant or agent of the City in regard to the solicitation. The City will not be responsible for offerors adjusting their offer based on oral or written instructions.
28. **SPECIAL ACCOMMODATIONS** Please contact Procurement at 930-2862 at least 3 days prior to the meeting for special accommodation. Hearing impaired persons, please use the Arizona Relay Service (1-800-367-8939).
29. **OFFER IDENTIFICATION** The City is not responsible for the pre-opening of, post-opening of, or the failure to open, an offer not properly addressed or identified.
30. **OFFER TABULATION** An electronic copy of the scoring may be requested by e-mailing the Procurement office at procurement@glendaleaz.com and referencing the solicitation title and number. The information will be available for distribution when the City has issued its Notice of Intent to Award.
31. **LIABILITY** Except for the sole negligence of the City, its officers, managers, employees, or agents, Contractor shall be liable to the City for any physical damage to City property or for the death of, or personal injury to, City personnel arising out of Contractor's occupancy, maintenance, repair, replacement, installation and/or any other work performed pursuant to the contract. Contractor agrees to indemnify, defend and hold the City harmless from any claim or loss arising from such damage or injury.
32. **OSHA GUIDELINES** The contractor shall be familiar with and operate within the guidelines set forth by the Occupational Safety and Health Act.
33. **PATENTS** Seller agrees to defend City at seller's own expense, in all suit, actions, or proceedings in which City is made a defendant for actual or alleged infringement of any United States of America or foreign letters patent resulting from City's use of the goods purchased as a result of this IFB. Seller further agrees to pay and discharge any and all judgments or decrees, which may be rendered in any such suit, action or proceedings against City. Seller agrees to indemnify and hold harmless the City from any and all license, royalty and proprietary fees or costs, including legal costs, which may arise out of City's purchase and use of goods supplied by the seller. It is expressly agreed by seller, that these covenants are irrevocable and perpetual.
34. **VENDOR PERFORMANCE** Prior offeror performance in regard to product, service, or representation of/from the offeror may be used in evaluation of this offer. Unsatisfactory performance to the City may be considered sufficient grounds for rejection of this offer.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

No offer will be awarded to any offeror who is in default on any contract with the City or has been suspended or debarred as provided in the City Code.

35. PERFORMANCE SURETY REQUIREMENTS The performance sureties shall be in the form of a bond, cashier's check, certified check or money order. Personal or company checks are not acceptable unless certified. Letters of credit are not acceptable. Individual sureties are not acceptable.

PERFORMANCE SURETY The successful proposer shall, at the time of entering into the contract, furnish a performance surety in the form of a bond, money order or certified or cashier's check, in the amount of 10 percent of the contract amount guaranteeing the faithful performance of the contract by the proposer.

If a bond is submitted, it shall be written on the form provided by the City as an attachment to the proposal documents. The attorney-in-fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of the power of attorney. The bond must be written by a surety with a Best Rating no less than an A and must be authorized and licensed to do business in this State by the Arizona Department of Insurance. Individual sureties and letters of credit are not acceptable.

36. FUND APPROPRIATION CONTINGENCY The Contractor and the City recognize that the continuation of any contract after the close of any given fiscal year of the City, which ends on June 30, shall be subject to the approval of the budget of the City providing the contract item is an expenditure therein. The City does not guarantee that the budget item will be actually adopted, as it is the determination of the City Council at the time of the adoption of the budget.

37. NOTIFICATION OF AWARD The successful offeror(s) will be notified that their offer has been accepted by the City Council as recommended for award.

38. NON-EXCLUSIVITY The City, in its sole discretion, reserves the right to request the materials or services set forth herein from other sources when deemed necessary and appropriate. No exclusive rights are included in this Agreement.

39. COOPERATIVE USE OF CONTRACT This agreement may be extended for use by other governmental agencies and political subdivisions of the State. Any such usage by other entities must be in accord with the ordinances, charter, rules and regulations of the respective entity and the approval of the Contractor and City. For a list of SAVE members, click on the following link: <http://www.mesaaz.gov/business/purchasing/save>

40. PROHIBITIONS - Contractor, and on behalf any subcontractor, certifies, to the extent applicable under A.R.S. §§ 35-391 *et seq* and 35-393 *et seq*, that neither has "scrutinized" business operations, as defined in the proceeding statutes, in the countries of Sudan or Iran.

41. IMMIGRATION LAW COMPLIANCE Contractor, and on behalf any subcontractor, warrants, to the extent applicable under A.R.S. § 41-4401, compliance with all federal immigration laws and regulations that relate to their employees as well as compliance with A.R.S. § 23-



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

214(A) which requires registration and participation with the E-Verify Program. Any breach of warranty described above is considered a material breach of this Agreement and is subject to penalties up to and including termination of this Agreement. City of Glendale (“City”) retains the legal right to inspect the papers of Contractor or subcontractor employee who performs work under this Agreement to ensure that Contractor or any subcontractor is compliant with the warranty described above. City may conduct random inspections, and upon request of the City, Contractor shall provide copies of papers and records demonstrating continued compliance with the warranty described above. Contractor agrees to keep papers and records available for inspection by the City during normal business hours and will cooperate with City in exercise of its statutory duties and not deny access to its business premises or applicable papers or records for the purposes of enforcement of this Section. Contractor agrees to incorporate into any subcontracts under this Agreement the same obligations imposed upon itself and expressly accrue those obligations directly to the benefit of the City. Contractor also agrees to require any subcontractor to incorporate into each of its own subcontracts under this Agreement the same obligations above and expressly accrue those obligations to the benefit of the City. Contractor’s warranty and obligations under this Section I to the City is continuing throughout the term of this Agreement or until such time as the City determines, in its sole discretion, that Arizona law has been modified in that compliance with this section is no longer a requirement. The “E-Verify Program” above means the employment verification program administered by the United States Department of Homeland Security, the Social Security Administration, or any successor program.

- 42. CONTRACT ADMINISTRATOR** The staff member identified as the Contract Administrator for a solicitation serves as the liaison between Procurement, the city and the successful contractor. The Contract Administrator manages the contract, overseeing the daily operations, scheduling, performance and compliance of the agreement by all parties. The Contract Administrator is responsible for:
- a. Establishing and maintaining records and documentation
 - b. Monitoring the contractor’s performance
 - c. Handling issues and disputes
 - d. Exercising extension options
 - e. Initiating contract modifications
 - f. Initiating rebids or new solicitations

- 43. FORCE MAJEURE**
- a. Except for payment of sums due, neither party shall be liable to the other nor deemed in default under this contract if and to the extent that such party’s performance of this Contract is prevented by reason of force majeure. The term “force majeure” means an occurrence that is beyond the control of the part affected and occurs without its fault or negligence. Without limiting the foregoing, force majeure includes acts of God; acts of the public enemy; war; riots; strikes; mobilization; labor disputes; civil disorders, fire; flood; lockouts; injunctions-interventions-acts; or failures or refusals to act by government authority; and other similar occurrences beyond the control of the party



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302


declaring force majeure which such party is unable to prevent by exercising reasonable diligence.

- b. Force majeure shall not include the following circumstances:
 - i. Late delivery of equipment or materials caused by congestion at a manufacturer’s plant or elsewhere, or an oversold condition of the market.
 - ii. Late performance by a subcontractor unless the delay arises out of a force majeure occurrence in accordance with this force majeure term and condition; or
 - iii. Inability of either the Contractor or any subcontractor to acquire or maintain any required insurance, bonds, licenses or permits.

44. SUSPENSION AND DEBARMENT. (APPLIES TO ALL PURCHASES.)

- a. This contract is a covered transaction for purposes of 2 CFR pt. 180 and 2 CFR pt. 3000. As such, the Contractor is required to verify that none of Contractor’s principals (defined at 2 CFR § 180.995) or its affiliates (defined at 2 CFR § 180.905) are excluded (defined at 2 CFR § 180.940) or disqualified (defined at 2 CFR § 180.935).
- b. The Contractor must comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- c. This certification is a material representation of fact relied upon by the City of Glendale. If it is later determined that the contractor did not comply with 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C, in addition to remedies available to the City, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- d. The Contractor agrees to comply with the requirements of 2 CFR pt. 180, subpart C and 2 CFR pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The Contractor further agrees to include a provision requiring such compliance in its lower tier covered transactions.
- e. In accordance with 2 CFR 200.214, the City of Glendale will verify that the selected vendor is not suspended, debarred, or otherwise excluded from federal contracts by checking the System for Award Management (SAM.gov) prior to award. Offerors are required to ensure that neither they nor their principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in federally funded contracts.

Additionally, the awarded vendor must maintain compliance with this requirement for the duration of the contract and immediately notify the City of any status changes.

	City of Glendale Solicitation Number: IFB 25-43 /42500088 WATER AND WASTEWATER TREATMENT CHEMICALS AND FILTER MEDIA EXHIBITS PACKAGE	CITY OF GLENDALE Procurement Division 5970 West Brown Street, Suite 210 Glendale, Arizona 85302
--	---	--

44.1 Suspension and debarment policy (Sec.2-152. Code)

The City reserves the right to suspend or debar any contractor from participating in the bid solicitation process or receiving city contracts, grants, loans, or other financial assistance.

- **Debarment** may last up to three (3) years.
- **Suspension** may last up to twelve (12) months.
- Causes for suspension or debarment include, but are not limited to:
 - Criminal offenses related to contract procurement or performance.
 - Violations of state or federal laws affecting business integrity.
 - Breach of contract or failure to perform.
 - Legal proceedings or investigations impacting responsibility as a contractor.
 - Debarment or suspension by another government entity.

The Finance Director, in consultation with the City Attorney, will determine whether debarment or suspension is in the City's best interest. The affected contractor will receive a written decision outlining the reasons and their right to protest per **Sec. 2-145(e), Code**. For full details, refer to **Sec. 2-152 of the City Code**.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

EXHIBIT 3: INSURANCE REQUIREMENTS

By signing on the Offer/Bid page, solicitation Amendment(s), or cover letter accompanying the submittal documents, Offerors are certifying that they understand the following notices and agree to comply with all required terms and conditions.

1) INSURANCE REQUIREMENTS. OFFEROR shall procure and maintain until all their obligations have been discharged, insurance against claims for injury to persons or damage to property that may arise from or in connection with this Solicitation. The *insurance requirements* herein are minimum requirements for this Solicitation and in no way limit the indemnity covenants contained herein. The City of Glendale in no way warrants that the minimum limits contained herein is sufficient to protect the OFFEROR from liabilities that might arise. OFFEROR is free to purchase such additional insurance as OFFEROR determines necessary.

a) **Minimum Scope and Limits of Insurance:** OFFEROR shall provide coverage with limits of liability not less than those stated below.

i) Commercial General Liability – Occurrence Form

Policy shall include bodily injury, property damage, personal and advertising injury and broad form contractual liability coverage.

General Aggregate	\$4,000,000
Products – Completed Operations Aggregate	\$1,000,000
Personal and Advertising Injury	\$1,000,000
Each Occurrence	\$2,000,000

(1) The policy shall be endorsed to include the following additional insured language: ***“The City of Glendale, and its departments, officers, officials, agents, employees and volunteers shall be named as additional insureds with respect to liability arising out of the solicitation.*** Such additional insured shall be covered to the full limits of liability purchased by the OFFEROR, even if those limits of liability are in excess of those required herein.

(2) Policy shall contain a waiver of subrogation endorsement in favor of the **“City of Glendale, and its departments, officers, officials, agents, employees and volunteers”**. This provision applies regardless of whether or not the City of Glendale has received a waiver of subrogation endorsement from the insurer.

ii) Business Automobile Liability

Bodily Injury and Property Damage for any owned, hired, and/or non-owned vehicles used in the performance of this Agreement. Combined Single Limit (CSL) \$2,000,000.

(1) The policy shall be endorsed to include the following additional insured language: **“The City of Glendale, and its departments, officers, officials, agents, employees and volunteers shall be named as additional insureds with respect to liability arising out of the activities performed by or on behalf of the OFFEROR, involving automobiles owned, Licensed, hired or borrowed by the OFFEROR.”** Such additional insured shall be covered to the full limits of liability purchased by the



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
EXHIBITS PACKAGE

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

OFFEROR, even if those limits of liability are in excess of those required by this License.

- (2) Policy shall contain a waiver of subrogation endorsement in favor of the “City of Glendale, and its departments, officers, officials, agents, employees and volunteers” for losses arising from work performed by or on behalf of the OFFEROR. This provision applies regardless of whether or not the City of Glendale has received a waiver of subrogation endorsement from the insurer.

iii) Worker's Compensation and Employers' Liability

Workers' Compensation Statutory	
Employers' Liability	
Each Accident	\$1,000,000
Disease – Each Employee	\$1,000,000
Disease – Policy Limit	\$1,000,000

- (1) Policy shall contain a waiver of subrogation endorsement in favor of the “**City of Glendale, and its departments, officers, officials, agents, employees and volunteers**” for losses arising from OFFEROR activities. This provision applies regardless of whether or not the City of Glendale has received a waiver of subrogation endorsement from the insurer.

iv) Additional Insurance Requirements: The policies shall include, or be endorsed to include the following provisions:

- (1) Policies shall stipulate that the insurance afforded by the organization shall be primary insurance and that any insurance carried by the City of Glendale shall be excess and not contributory insurance.
- (2) Coverage provided by the organization shall not be limited to the liability assumed under the indemnification provisions of the license or contract.
- (3) If the Vendor maintains broader coverage and/or higher limits than the minimum shown, the City requires and shall be entitled to the broader coverage and/or the higher limits maintained by the Vendor. Any available insurance proceeds in excess of the specified minimum of insurance and coverage shall be available to the City.
- (4) Vendor shall require and verify that all subcontractors (subconsultants) maintain insurance meeting all the requirements stated herein, and Vendor shall ensure that City is an additional insured on insurance required from subcontractors (subconsultants).
- (5) If the Vendor is awarded the solicitation, the Vendor shall furnish the City with original Certificates of Insurance including all required amendatory endorsements before the work begins. However, failure to obtain the required documents prior to the work beginning shall not waive the Vendor’s obligation to provide them. The City reserves the right to require complete, certified copies of all required insurance policies including endorsements required by these specifications, at any time.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

C

AGREEMENT FOR

City of Glendale Solicitation No.

This Agreement for _____ ("Agreement") is effective and entered into between CITY OF GLENDALE, an Arizona municipal corporation ("City"), and _____, an _____, authorized to do business in the State of Arizona, ("Contractor"), as of the _____ day of _____, 20__.

RECITALS

- A. City intends to undertake a project for the benefit of the public and with public funds that is more fully set forth in **Exhibit A**, pursuant to Solicitation No. _____ (the "Project");
- B. City desires to retain the services of Contractor to perform those specific duties and produce the specific work as set forth in the Project attached hereto; and
- C. City and Contractor desire to memorialize their agreement with this document.

AGREEMENT

In consideration of the Recitals, which are confirmed as true and correct and incorporated by this reference, the mutual promises and covenants contained in this Agreement, and other good and valuable consideration, City and Contractor agree as follows:

1. Key Personnel; Sub-contractors.

- 1.1 Services. Contractor will provide all services necessary to assure the Project is completed timely and efficiently consistent with Project requirements, including, but not limited to, working in close interaction and interfacing with City and its designated employees, and working closely with others, including other contractors or consultants, retained by City.
- 1.2 Project Team.
 - a. Project Manager.
 - (1) Contractor will designate an employee as Project Manager with sufficient training, knowledge, and experience to complete the Project and handle all aspects of the Project (as determined by the City in its sole discretion); such that the work produced by Contractor is consistent with applicable standards as detailed in this Agreement;
 - (2) The City must approve the designated Project Manager; and
 - (3) To assure the Project schedule is met, Project Manager may be required to devote no less than a specific amount of time as set out in Exhibit A.
 - b. Project Team.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- (1) The Project Manager and all other employees assigned to the project by Contractor will comprise the "Project Team."
- (2) Project Manager will have responsibility for and will supervise all other employees assigned to the Project by Contractor.

c. Discharge, Reassign, Replacement.

- (1) Contractor acknowledges the Project Team is comprised of the same persons and roles for each as may have been identified in the response to the Project's solicitation. 2 01/28/2025
- (2) Contractor will not discharge, reassign or replace or diminish the responsibilities of any of the employees assigned to the Project who have been approved by City without City's prior written consent unless that person leaves the employment of Contractor, in which event the substitute must first be approved in writing by City.
- (3) Contractor will change any of the members of the Project Team at the City's request if an employee's performance does not equal or exceed the level of competence that the City may reasonably expect of a person performing those duties or if the acts or omissions of that person are detrimental to the development of the Project.

d. Sub-contractors.

- (1) Contractor may engage specific technical contractor (each a "Sub-contractor") to furnish certain service functions.
- (2) Contractor will remain fully responsible for Sub-contractor's services.
- (3) Sub-contractors must be approved by the City, unless the Sub-contractor was previously mentioned in the response to the solicitation.
- (4) Contractor shall certify by letter that contracts with Sub-contractors have been executed incorporating requirements and standards as set forth in this Agreement.

2. **Schedule.** The services will be undertaken in a manner that ensures the Project is completed timely and efficiently in accordance with the Project.

3. **Contractor's Work.**

3

3.1 Standard. Contractor must perform services in accordance with the standards of due diligence, care, and quality prevailing among contractors having substantial experience with the successful furnishing of services for projects that are equivalent in size, scope, quality, and other criteria under the Project and identified in this Agreement.

3.2 Licensing. Contractor warrants that:

- a. Contractor and Sub-contractors will hold all appropriate and required licenses, registrations and other approvals necessary for the lawful furnishing of services ("Approvals"); and
- b. Neither Contractor nor any Sub-contractor has been debarred or otherwise legally excluded from contracting with any federal, state, or local governmental entity ("Debarment").



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- (1) City is under no obligation to ascertain or confirm the existence or issuance of any Approvals or Debarments or to examine Contractor's contracting ability.
- (2) Contractor must notify City immediately if any Approvals or Debarment changes during the Agreement's duration and the failure of the Contractor to notify City as required will constitute a material default under the Agreement.

3.3 Compliance. Services will be furnished in compliance with applicable federal, state, county and local statutes, rules, regulations, ordinances, building codes, life safety codes, and other standards and criteria designated by City.

Contractor must not discriminate against any employee or applicant for employment on the basis of race, color, religion, sex, national origin, age, marital status, sexual orientation, gender identity or expression, genetic characteristics, familial status, U.S. military veteran status or any disability. Contractor will require any Sub-contractor to be bound to the same requirements as stated within this section. Contractor, and on behalf of any subcontractors, warrants compliance with this section. 3 01/28/2025

3.4 Coordination; Interaction.

- a. For projects that the City believes requires the coordination of various professional services, Contractor will work in close consultation with City to proactively interact with any other professionals retained by City on the Project ("Coordinating Project Professionals").
- b. Subject to any limitations expressly stated in the Project Budget, Contractor will meet to review the Project, Schedule, Project Budget, and in-progress work with Coordinating Project Professionals and City as often and for durations as City reasonably considers necessary in order to ensure the timely work delivery and Project completion.
- c. For projects not involving Coordinating Project Professionals, Contractor will proactively interact with any other contractors when directed by City to obtain or disseminate timely information for the proper execution of the Project.

3.5 Work Product.

- a. Ownership. Upon receipt of payment for services furnished, Contractor grants to City, and will cause its Sub-contractors to grant to the City, the exclusive ownership of and all copyrights, if any, to evaluations, reports, drawings, specifications, project manuals, surveys, estimates, reviews, minutes, all "architectural work" as defined in the United States Copyright Act, 17 U.S.C § 101, *et seq.*, and other intellectual work product as may be applicable ("Work Product").
 - (1) This grant is effective whether the Work Product is on paper (e.g., a "hard copy"), in electronic format, or in some other form.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- (2) Contractor warrants, and agrees to indemnify, hold harmless and defend City for, from and against any claim that any Work Product infringes on third-party proprietary interests.
- b. Delivery. Contractor will deliver to City copies of the preliminary and completed Work Product promptly as they are prepared.
- c. City Use.
 - (1) City may reuse the Work Product at its sole discretion.
 - (2) In the event the Work Product is used for another project without further consultations with Contractor, the City agrees to indemnify and hold Contractor harmless from any claim arising out of the Work Product.
 - (3) In such case, City shall also remove any seal and title block from the Work Product.

4. Compensation for the Project.

- 4.1 Compensation. Contractor's compensation for the Project, including those furnished by its Sub-contractors will not exceed \$, as specifically detailed in **Exhibit B** (the "Compensation").
- 4.2 Change in Scope of Project. The Compensation may be equitably adjusted if the originally contemplated scope of services as outlined in the Project is significantly modified.
 - a. Adjustments to the Compensation require a written amendment to this Agreement and may require City Council approval.
 - b. Additional services which are outside the scope of the Project contained in this Agreement may not be performed by the Contractor without prior written authorization from the City.
 - c. Notwithstanding the incorporation of the Exhibits to this Agreement by reference, should any conflict arise between the provisions of this Agreement and the provisions found in the Exhibits and accompanying attachments, the provisions of this Agreement shall take priority and govern the conduct of the parties. 4 01/28/2025

5. Billings and Payment.

- 5.1 Applications.
 - a. Contractor will submit monthly invoices (each, a "Payment Application") to City's Project Manager and City will remit payments based upon the Payment Application as stated below.
 - b. The period covered by each Payment Application will be one calendar month ending on the last day of the month or as specified in the solicitation.
- 5.2 Payment.
 - a. After a full and complete Payment Application is received, City will process and remit payment within 30 days.
 - b. Payment may be subject to or conditioned upon City's receipt of:
 - (1) Completed work generated by Contractor and its Sub-contractors; and
 - (2) Unconditional waivers and releases on final payment from Sub-contractors as City may reasonably request to assure the Project will be free of claims arising from required performances under this Agreement.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- 5.3 Review and Withholding. City's Project Manager will timely review and certify Payment Applications.
- a. If the Payment Application is rejected, the Project Manager will issue a written listing of the items not approved for payment.
 - b. City may withhold an amount sufficient to pay expenses that City reasonably expects to incur in correcting the deficiency or deficiencies rejected for payment.
- 6. Termination.**
- 6.1 For Convenience. City may terminate this Agreement for convenience, without cause, by delivering a written termination notice stating the Effective Termination date, which may not be less than 30 days following the date of delivery.
- a. Contractor will be equitably compensated for Goods or Services furnished prior to receipt of the termination notice and for reasonable costs incurred.
 - b. Contractor will also be similarly compensated for any approved effort expended and approved costs incurred that are directly associated with project closeout and delivery of the required items to the City.
- 6.2 For Cause. City may terminate this Agreement for cause if Contractor fails to cure any breach of this Agreement within seven days after receipt of written notice specifying the breach.
- a. Contractor will not be entitled to further payment until after City has determined its damages. If City's damages resulting from the breach, as determined by City, are less than the equitable amount due but not paid Contractor for Service and Repair furnished, City will pay the amount due to Contractor, less City's damages, in accordance with the provision of § 5.
 - b. If City's direct damages exceed amounts otherwise due to Contractor, Contractor must pay the difference to City immediately upon demand; however, Contractor will not be subject to consequential damages of more than \$2,000,000 or the amount of this Agreement, whichever is greater.
- 7. Conflict.** Contractor acknowledges this Agreement is subject to A.R.S. § 38-511, which allows for cancellation of this Agreement in the event any person who is significantly involved in initiating, negotiating, securing, drafting, or creating the Agreement on City's behalf is also an employee, agent, or consultant of any other party to this Agreement.
- 8. Insurance.**
- 8.1 Requirements. Contractor must obtain and maintain the following insurance ("Required Insurance"): 5 01/28/2025
- a. Contractor and Sub-contractors. Contractor, and each Sub-contractor performing work or providing materials related to this Agreement must procure and maintain the insurance coverages described below (collectively referred to herein as the "Contractor's Policies"), until each Party's obligations under this Agreement are completed.
 - b. General Liability.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- (1) Contractor must at all times relevant hereto carry a commercial general liability policy with a combined single limit of at least \$2,000,000 per occurrence and \$4,000,000 annual aggregate for each property damage and contractual property damage.
 - (2) Sub-contractors must at all times relevant hereto carry a general commercial liability policy with a combined single limit of at least \$2,000,000 per occurrence.
 - (3) This commercial general liability insurance must include independent contractors' liability, contractual liability, broad form property coverage, XCU hazards if requested by the City, and a separation of insurance provision.
 - (4) These limits may be met through a combination of primary and excess liability coverage.
- c. Auto. A business auto policy providing a liability limit of at least \$2,000,000 per accident for Contractor and \$2,000,000 per accident for Sub-contractors and covering owned, non-owned and hired automobiles.
- d. Workers' Compensation and Employer's Liability. A workers' compensation and employer's liability policy providing at least the minimum benefits required by Arizona law.
- e. Notice of Changes. Contractor's Policies must provide for not less than 30 days' advance written notice to City Representative of:
- (1) Cancellation or termination of Contractor or Sub-contractor's Policies;
 - (2) Reduction of the coverage limits of any of Contractor or and Sub-contractor's Policies; and
 - (3) Any other material modification of Contractor or Sub-contractor's Policies related to this Agreement.
- f. Certificates of Insurance.
- (1) Within 10 business days after the execution of the Agreement, Contractor must deliver to City Representative certificates of insurance for each of Contractor and Sub-contractor's Policies, which will confirm the existence or issuance of Contractor and Sub-contractor's Policies in accordance with the provisions of this section, and copies of the endorsements of Contractor and Sub-contractor's Policies in accordance with the provisions of this section.
 - (2) City is and will be under no obligation either to ascertain or confirm the existence or issuance of Contractor and Sub-contractor's Policies, or to examine Contractor and Sub-contractor's Policies, or to inform Contractor or Sub-contractor in the event that any coverage does not comply with the requirements of this section.
 - (3) Contractor's failure to secure and maintain Contractor Policies and to assure Sub-contractor policies as required will constitute a material default under the Agreement.
- g. Other Contractors or Vendors.
- (1) Other contractors or vendors that may be contracted with in connection with the Project must procure and maintain insurance coverage as is appropriate to their particular contract. 6 01/28/2025



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- (2) This insurance coverage must comply with the requirements set forth above for Contractor's Policies (e.g., the requirements pertaining to endorsements to name the parties as additional insured parties and certificates of insurance).
- h. Policies. Except with respect to workers' compensation and employer's liability coverages, City must be named and properly endorsed as additional insureds on all liability policies required by this section.
 - (1) The coverage extended to additional insureds must be primary and must not contribute with any insurance or self-insurance policies or programs maintained by the additional insureds.
 - (2) All insurance policies obtained pursuant to this section must be with companies legally authorized to do business in the State of Arizona and reasonably acceptable to all parties.
- 8.2 Sub-contractors.
 - a. Contractor must also cause its Sub-contractors to obtain and maintain the Required Insurance.
 - b. City may consider waiving these insurance requirements for a specific Sub-contractor if City is satisfied the amounts required are not commercially available to the Sub-contractor and the insurance the Sub-contractor does have is appropriate for the Sub-contractor's work under this Agreement.
 - c. Contractor and Sub-contractors must provide to the City proof of the Required Insurance whenever requested.
- 8.3 Indemnification.
 - a. To the fullest extent permitted by law, Contractor must defend, indemnify, and hold harmless City and its elected officials, officers, employees and agents (each, an "Indemnified Party," collectively, the "Indemnified Parties"), for, from, and against any and all claims, demands, actions, damages, judgments, settlements, personal injury (including sickness, disease, death, and bodily harm), property damage (including loss of use), infringement, governmental action and all other losses and expenses, including attorneys' fees and litigation expenses (each, a "Demand or Expense"; collectively, "Demands or Expenses") asserted by a third-party (i.e. a person or entity other than City or Contractor) and that arises out of or results from the breach of this Agreement by the Contractor or the Contractor's negligent actions, errors or omissions (including any Sub-contractor or other person or firm employed by Contractor), whether sustained before or after completion of the Project.
 - b. This indemnity and hold harmless provision applies even if a Demand or Expense is in part due to the Indemnified Party's negligence or breach of a responsibility under this Agreement, but in that event, Contractor shall be liable only to the extent the Demand or Expense results from the negligence or breach of a responsibility of Contractor or of any person or entity for whom Contractor is responsible.
 - c. Contractor is not required to indemnify any Indemnified Parties for, from, or against any Demand or Expense resulting from the Indemnified Party's sole negligence or other fault solely attributable to the Indemnified Party.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

9. **E-verify, Records and Audits.** To the extent applicable under A.R.S. § 41-4401, the Contractor warrants their compliance and that of its subcontractors with all federal immigration laws and regulations that relate to their employees and compliance with the E-verify requirements under A.R.S. § 23-214(A). The Contractor or subcontractor's breach of this warranty shall be deemed a material breach of the Agreement and may result in the termination of the Agreement by the City under the terms of this Agreement. The City retains the legal right to randomly inspect the papers and records of the other party to ensure that the other party is complying with the above-mentioned warranty. The Contractor and subcontractor warrant to keep their respective papers and records open for random inspection during normal business hours by the other party. The parties shall cooperate with the City's random inspections, including granting the inspecting party entry rights onto their respective properties to perform the random inspections and waiving their respective rights to keep such papers and records confidential.
10. **No Boycott of Israel.** To the extent A.R.S § 35-393 through § 35-393.03 are applicable, the parties hereby certify that they are not currently engaged in, and agree for the duration of the Agreement to not engage in, a boycott of goods or services from Israel, as that term is defined in A.R.S § 35-393.
11. **Uyghur Forced Labor Prevention Act (UFLPA).** Contractor certifies that it does not currently, and during the term of this Agreement, will not use:
- the forced labor of ethnic Uyghurs in the People's Republic of China;
 - any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; and
 - any contractors, subcontractors or suppliers that use the forced labor or any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China.
12. **Attestation of PCI Compliance.** When applicable, the Contractor will provide the City annually with a Payment Card Industry Data Security Standard (PCI DSS) attestation of compliance certificate signed by an officer of Contractor with oversight responsibility.
13. **Notices.**
- 13.1 A notice, request or other communication that is required or permitted under this Agreement (each a "Notice") will be effective only if:
- The Notice is in writing; and
 - Delivered in person or by overnight courier service (delivery charges prepaid), certified or registered mail (return receipt requested); and
 - Notice will be deemed to have been delivered to the person to whom it is addressed as of the date of receipt, if:
 - Received on a business day, or before 5:00 p.m., at the address for Notices identified for the Party in this Agreement by U.S. Mail, hand delivery, or overnight courier service on or before 5:00 p.m.; or
 - As of the next business day after receipt, if received after 5:00 p.m.
 - The burden of proof of the place and time of delivery is upon the Party giving the Notice; and



City of Glendale
Solicitation Number: IFB 25-43 /4250088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- 15.1 **Integration.** This Agreement contains, except as stated below, the entire agreement between City and Contractor and supersedes all prior conversations and negotiations between the parties regarding the Project or this Agreement.
- a. Neither Party has made any representations, warranties or agreements as to any matters concerning the Agreement's subject matter.
 - b. Representations, statements, conditions, or warranties not contained in this Agreement will not be binding on the parties.
 - c. The solicitation, any addendums and the response submitted by the Contractor are incorporated into this Agreement as if attached hereto. Any Contractor response modifies the original solicitation as stated. Inconsistencies between the solicitation, any addendums and the response or any excerpts attached as Exhibit A and this Agreement will be resolved by the terms and conditions stated in this Agreement.
- 15.2 **Interpretation.**
- a. The parties fairly negotiated the Agreement's provisions to the extent they believed necessary and with the legal representation they deemed appropriate.
 - b. The parties are of equal bargaining position and this Agreement must be construed equally between the parties without consideration of which of the parties may have drafted this Agreement.
 - c. The Agreement will be interpreted in accordance with the laws of the State of Arizona.
- 15.3 **Survival.** Except as specifically provided otherwise in this Agreement, each warranty, representation, indemnification and hold harmless provision, insurance requirement, and every other right, remedy and responsibility of a Party, will survive completion of the Project, or the earlier termination of this Agreement.
- 15.4 **Amendment.** No amendment to this Agreement will be binding unless in writing and executed by the parties. Any amendment may be subject to City Council approval. Electronic signature blocks do not constitute execution.
- 15.5 **Remedies.** All rights and remedies provided in this Agreement are cumulative and the exercise of any one or more right or remedy will not affect any other rights or remedies under this Agreement or applicable law.
- 15.6 **Severability.** If any provision of this Agreement is voided or found unenforceable, that determination will not affect the validity of the other provisions, and the voided or unenforceable provision will be deemed reformed to conform to applicable law.
- 15.7 **Counterparts.** This Agreement may be executed in counterparts, and all counterparts will together comprise one instrument.

16. Term.

- 16.1 **Extensions.** The term of this Agreement commences upon the effective date and continues for a one (1)-year initial period. The City may, at its option and with the approval of the Contractor, extend the term of this Agreement an additional four (4) years, on an annual basis. Contractor will be notified in writing by the City of its intent to extend the Agreement period at least thirty (30) calendar days prior to the expiration of the original or any extension period. Price adjustments will only be reviewed prior to the extension period and any such price adjustment will be a determining factor for any renewal. There are no automatic extensions or renewals of this Agreement.



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

- 16.2 Extension for Procurement Process. Upon the expiration of the Term of this Agreement, including the initial term and any renewals, at the City's sole discretion, this Agreement may be extended on a month-to-month basis for a maximum of six (6) months to allow for the City to complete its procurement process to select a vendor to provide the services/materials similar to those provided under this Agreement. The City will notify the Contractor in writing of its intent to extend the Agreement at least thirty (30) calendar days prior to the expiration of the Term. Any extension provided under this subsection will continue under the same terms and conditions as in effect immediately prior to the expiration of the then-current term.
17. **Dispute Resolution.** Any controversy or claim arising out of or relating to this contract, or the breach thereof, shall be settled by arbitration administered according to the American Arbitration Association's Commercial Arbitration Rules, and judgment on the award rendered by the arbitrator may be entered in any court having jurisdiction thereof.
18. **Cooperative Use of Contract.** This agreement may be extended for use by other governmental agencies and political subdivisions of the State. Any such usage by other entities must be in accord with the ordinances, charter, rules and regulations of the respective entity and the approval of the Contractor and City. For a list of SAVE members, click on the following link: <http://www.mesaaz.gov/business/purchasing/save>
19. **Exhibits.** The following exhibits, with reference to the term in which they are first referenced, are incorporated by this reference.
Exhibit A Project
Exhibit B Compensation

(Signatures appear on the following page.)



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

The parties enter into this Agreement as of the Effective Date shown above.

City of Glendale,
 an Arizona municipal corporation

 By:
 Its: City Manager

ATTEST:

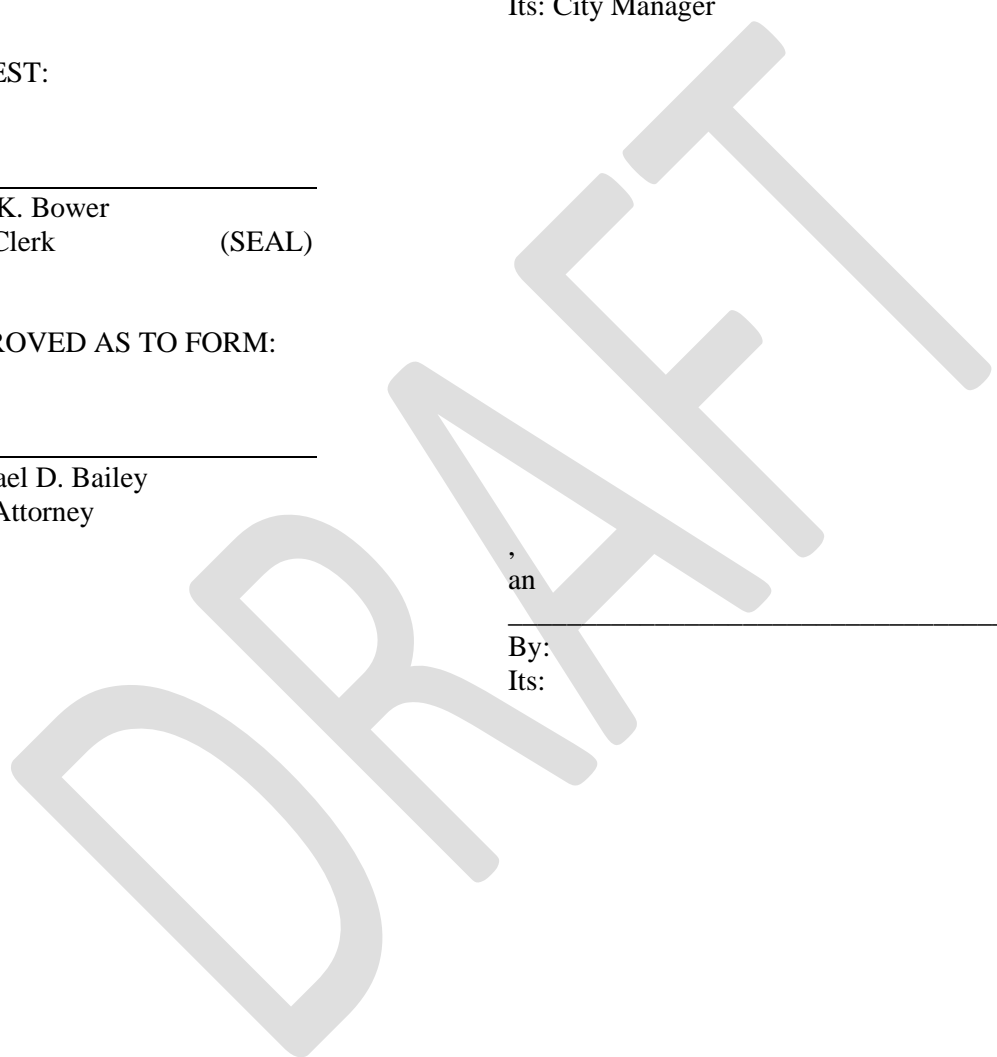
 Julie K. Bower
 City Clerk (SEAL)

APPROVED AS TO FORM:

 Michael D. Bailey
 City Attorney

,
 an

 By:
 Its:





City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

EXHIBIT A

PROJECT

DRAFT



City of Glendale
Solicitation Number: IFB 25-43 /42500088
WATER AND WASTEWATER TREATMENT
CHEMICALS AND FILTER MEDIA
DRAFT AGREEMENT

CITY OF GLENDALE
Procurement Division
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

EXHIBIT B

COMPENSATION

METHOD AND AMOUNT OF COMPENSATION

NOT-TO-EXCEED AMOUNT

The total amount of compensation paid to Contractor for full completion of all work required by the Project during the entire term of the Project must not exceed \$.

DETAILED PROJECT COMPENSATION

DRAFT

EXHIBIT B
WATER AND WASTEWATER TREATMENT CHEMICALS
COMPENSATION

METHOD AND AMOUNT OF COMPENSATION

The method of payment is provided in Section 4 of this Agreement.

NOT-TO-EXCEED AMOUNT

The total amount of compensation paid to Contractor for full completion of all work required by the Project during the entire term of the Project must not exceed \$250,000.

DETAILED PROJECT COMPENSATION

See attached Pricing Workbook.



City of Glendale
Solicitation Number: IFB 25-43/42500088
WATER AND WASTEWATER TREATMENT
CHEMICAL AND FILTER MEDIA
REVISED PRICING WORKBOOK
(Addendum 3)

CITY OF GLENDALE
Procurement Department
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

Offerors to complete this Pricing Workbook and submit as their response to this IFB.

ITEM #	Chemical	Estimated Annual Quantity	Unit of Measure	Price per Unit	Extended Price
7.1a	25% SODIUM HYDROXIDE (CAUSTIC SODA)	50,000	Mini-bulk	\$_____	<u>\$No Bid</u>
7.1b	25% SODIUM HYDROXIDE (CAUSTIC SODA)	50,000	Bulk	\$_____	<u>\$No Bid</u>
7.2a	SODIUM HYPOCHLORITE	350,000	Mini-bulk	\$_____	<u>\$No Bid</u>
7.2b	SODIUM HYPOCHLORITE	350,000	Bulk	\$_____	<u>\$No Bid</u>
7.3	FERRIC CHLORIDE, 40% LIQUID	332,000	Gallon	\$_____	<u>\$No Bid</u>
7.4	ALUMINUM SULFATE, LIQUID	920,000	Gallon	\$_____	<u>\$No Bid</u>
7.5	POWDERED ACTIVATED CARBON (PAC)	160,000	Dry Pound	<u>\$1.02</u>	<u>\$163,200</u>
7.6a	SODIUM CHLORITE, 25% LIQUID	70,000	Gallon	\$_____	<u>\$No Bid</u>
7.6b	SODIUM CHLORITE, 25% LIQUID	70,000	Tote	\$_____	<u>\$No Bid</u>
7.7	HYDROFLUOROSILICIC ACID	24,000	Gallon	\$_____	<u>\$No Bid</u>
7.8	CATIONIC POLYMER, LIQUID CLARIFLOC C358 OR APPROVED EQUAL	500,000	Pound	\$_____	<u>\$No Bid</u>
7.9a	CATIONIC POLYMER, LIQUID: CLARIFLOC C6220 POLYMER OR APPROVED EQUAL	40,000	Pounds, Neat	\$_____	<u>\$No Bid</u>
7.9b	CATIONIC POLYMER, LIQUID: CLARIFLOC N-120P POLYMER OR APPROVED EQUAL	40,000	Pounds, Neat	\$_____	<u>\$No Bid</u>



City of Glendale
Solicitation Number: IFB 25-43/42500088
WATER AND WASTEWATER TREATMENT
CHEMICAL AND FILTER MEDIA
REVISED PRICING WORKBOOK
(Addendum 3)

CITY OF GLENDALE
Procurement Department
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

ITEM #	Chemical	Estimated Annual Quantity	Unit of Measure	Price per Unit	Extended Price
7.10	SODIUM BISULFITE, 40%	24,000	Mini-bulk	\$_____	\$ <u>No Bid</u>
7.11	SODIUM CHLORIDE (SALT)	1,250,000	Pound	\$_____	\$ <u>No Bid</u>
7.12	LIQUID SODIUM THIOSULFATE, 30%	10,000	Gallon	\$_____	\$ <u>No Bid</u>
7.13a	CHLORINE, LIQUID	150	Each 2,000 lb Cylinder	\$_____	\$ <u>No Bid</u>
7.13b	CHLORINE, LIQUID	12	Each 150 lb Cylinder	\$_____	\$ <u>No Bid</u>
7.14	SODIUM HYDROXIDE (CAUSTIC SODA), 50%	465,500	Gallon	\$_____	\$ <u>No Bid</u>
7.15	WESTATES COAL BASED PELLETIZED ACTIVATE CARBON (VOCARB P60) OR APPROVED EQUAL	2,000	Dry Pound	\$_____	\$ <u>No Bid</u>
7.16	WESTATES IMPREGNATED PELLETIZED ACTIVATED CARBON (VOCARB UOCH-KP) OR APPROVED EQUAL	6,500	Dry Pound	\$_____	\$ <u>No Bid</u>
7.17	ACTIVATED CARBON SUBSTRATE BITUMINOUS COAL	3,400	Dry Pound	\$_____	\$ <u>No Bid</u>
7.18	ECS SULFADSORB-HC CARBON	22,000	Dry Pound	\$_____	\$ <u>No Bid</u>
7.19	ECS VC-PLUS CARBON	22,000	Dry Pound	\$_____	\$ <u>No Bid</u>
7.20	CENTAUR HSV 4x6 GRANULAR ACTIVATED CARBON OR APPROVED EQUAL	96,000	Dry Pound	\$_____	\$ <u>No Bid</u>
7.21	CARBON DIOXIDE (CO ₂)	1,600,000	Pound	\$_____	\$ <u>No Bid</u>
7.22	FILTER MEDIA – ANTHRACITE	100,000	Dry Pound	\$_____	\$ <u>No Bid</u>



City of Glendale
Solicitation Number: IFB 25-43/42500088
**WATER AND WASTEWATER TREATMENT
CHEMICAL AND FILTER MEDIA
REVISED PRICING WORKBOOK
(Addendum 3)**

CITY OF GLENDALE
Procurement Department
5970 West Brown Street,
Suite 210
Glendale, Arizona 85302

3. **DISCOUNT/PAYMENT TERMS:** The City standard is 2% 20 days

Comply: YES _____ NO

If your answer is NO, please state terms offered: Net 30, no discount offered%

4. **PAYMENT** Contractor shall provide monthly statements of itemized services. Payment will be reviewed and approved by the Contract Administrator or designee. The itemized statement shall not exceed the proposal fee in this Section.
5. **TAX AMOUNT** Do not include any use tax or federal tax in your proposal.