



City of Phoenix

INVITATION FOR BID  
IFB-2425-WWT-685  
HVAC MAINTENANCE AND REPAIRS

City of Phoenix  
Water Services  
200 W Washington St  
9<sup>th</sup> Floor  
Phoenix, AZ  
85003

RELEASE DATE: March 24, 2025

DEADLINE FOR QUESTIONS: April 4, 2025

RESPONSE DEADLINE: April 14, 2025, 2:00 pm

City of Phoenix  
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Exhibits:

- 1 - City of Phoenix Condition Analysis
- 2 - Cooling Preventative Maintenance Checklist
- 3 - Heating Preventative Maintenance Checklist
- 4 - Cooler Preventative Maintenance Checklist
- 5 - Current Equipment and Locations

Attachments:

- A - Pricing Proposal Template
- B - References
- C - Warranty Information
- D - Offer Page
- E - Conflict of Interest and Transparency
- F - Costs and Payments
- G - Debarment & Exclusion
- H - Acceptance Form

# 1. Introduction

## 1.1. Summary

The City of Phoenix (COP) Water Services Department (WSD) requires preventative maintenance, repairs and replacement parts on all heating, ventilation, and air conditioning (HVAC) units. The contract will also include replacement units as needed.

## 1.2. Contact Information

**Victor Sainz**

Contract Specialist II  
200 W Washington St  
Phoenix, AZ 85003  
Email: [victor.sainz@phoenix.gov](mailto:victor.sainz@phoenix.gov)  
Phone: [\(602\) 495-5407](tel:(602)495-5407)

**Department:**  
Water Services

## 1.3. Timeline

### Schedule of Events

The City reserves the right to change dates, times, and locations, as necessary. All times are Phoenix local time. The City does not always hold a Pre-Offer Conference or Site Visit.

To request a reasonable accommodation or alternative format for any public meeting, please contact the Procurement Officer (Victor Sainz) at (602) 495-5407/Voice or 711/TTY, or [victor.sainz@phoenix.gov](mailto:victor.sainz@phoenix.gov), no later than two (2) weeks prior to the meeting.

<b>Solicitation Issue Date</b>	March 24, 2025
<b>Pre-Offer Conference (Non-Mandatory)</b>	April 1, 2025, 10:00am <b>If attending virtually:</b> <a href="https://cityofphoenix.webex.com/cityofphoenix/j.php?MTID=m526d51a1e629069d3fc40854d3241204">https://cityofphoenix.webex.com/cityofphoenix/j.php?MTID=m526d51a1e629069d3fc40854d3241204</a> <b>If attending in-person:</b> 91st Avenue Wastewater Treatment Plant 5615 S. 91 <sup>st</sup> Ave, Tolleson, AZ 85353 91W Large Conference Room

<b>Site Visit (Non-Mandatory)</b>	April 1, 2025, 11:00am 91st Avenue Wastewater Treatment Plant 5615 S. 91 <sup>st</sup> Ave, Tolleson, AZ 85353
<b>Written Inquiries Due Date</b>	April 4, 2025, 2:00pm
<b>Offer Due Date</b>	April 14, 2025, 2:00pm

## 2. Instructions

### 2.1. Description – Statement of Need

The City of Phoenix invites sealed offers for Heating, ventilation, and air conditioning (HVAC) for a base three (3) year contract term with four (4) one-year option to extend the term, for an aggregate seven (7) year contract term, commencing on or about July 1, 2025, in accordance with the specifications and provisions contained herein or the “Effective Date” which is upon award by City Council, conditioned upon signature and recording by the City Clerk’s department, as required by the Phoenix City Code, whichever is later.

This solicitation is available through Arizona Relay Service 7-1-1. Please call TTY 800-367-8939 for assistance.

Notwithstanding the foregoing, this Agreement will terminate upon the earliest occurrence: by reaching the end of the term including any extensions exercised, or termination pursuant to the provisions of this Agreement.

### 2.2. City's Vendor Self-Registration and Notification

Vendors must be registered in the City’s procurePHX Self-Registration System at <https://www.phoenix.gov/procure> to respond to solicitations and access procurement information. The City may, at its sole discretion, reject any offer from an Offeror who has not registered.

### 2.3. Preparation of Offer

All forms provided in Submittal Section must be completed and submitted with the Offer. The signed and completed Conflict of Interest and Transparency form must be included or your Offer may be deemed non-responsive.

It is permissible to copy Submittal forms if necessary. Erasures, interlineations, or other modifications of the Offer must be initialed in original ink by the authorized person signing the Offer. No offer will be altered, amended or withdrawn after the specified offer due date and time. The City is not responsible for Offeror’s errors or omissions.

All time periods stated as a number of days will be calendar days.

It is the responsibility of all Offerors to examine the entire solicitation and seek clarification of any requirement that may not be clear and to check all responses for accuracy before submitting an offer. Negligence in preparing an offer confers no right of withdrawal after due date and time. Offerors are strongly encouraged to:

- A. Consider applicable laws and/or economic conditions that may affect cost, progress, performance, or furnishing of the products or services.
- B. Study and carefully correlate Offeror’s knowledge and observations with the solicitation and other related data.
- C. Promptly notify the City of all conflicts, errors, ambiguities, or discrepancies that Offeror has discovered in or between the solicitation and other related documents.

- D. The City does not reimburse the cost of developing, presenting or providing any response to this solicitation. Offers submitted for consideration should be prepared simply and economically, providing adequate information in a straightforward and concise manner. The Offeror is responsible for all costs incurred in responding to this solicitation. All materials and documents submitted in response to this solicitation become the property of the City and will not be returned.
- E. Offerors are reminded that the specifications stated in the solicitation are the minimum level required and that offers submitted must be for products or services that meet or exceed the minimum level of all features specifically listed in this solicitation. Offers offering less than any minimum specifications or criteria specified are not responsive and should not be submitted.
- F. Offer responses submitted for products considered by the seller to be acceptable alternates to the brand names or manufacturer's catalog references specified herein must be submitted with technical literature and/or detailed product brochures for the City's use to evaluate the products offered. Offers submitted without this product information may be considered as non-responsive and rejected. The City will be the sole judge as to the acceptability of alternate products offered.
- G. Prices will be submitted on a per unit basis by line item, when applicable. In the event of a disparity between the unit price and extended price, the unit price will prevail unless obviously in error.

#### 2.4. Fixed Offer Price Period

All offers shall be firm and fixed for a period of 180 calendar days from the solicitation opening date.

#### 2.5. Obtaining a Copy of the Solicitation and Addenda

Interested Offerors may download the complete solicitation and addenda from <https://solicitations.phoenix.gov/>. Any interested Offerors without internet access may obtain this solicitation by calling the Procurement Officer or picking up a copy during regular business hours at the City of Phoenix, Water Services Department, 200 W. Washington St. 9th floor Phoenix, AZ 85003. It is the Offeror's responsibility to check the website, read the entire solicitation, and verify all required information is submitted with their Offer.

#### 2.6. Exceptions

Offeror must not take any exceptions to any terms, conditions or material requirements of this solicitation. Offers submitted with exceptions may be deemed non-responsive and disqualified from further consideration in the City's sole discretion. Offerors must conform to all the requirements specified in the solicitation. The City encourages Offerors to send inquiries to the Procurement Officer rather than including exceptions in their Offer.

## 2.7. Inquiries

All questions that arise relating to this solicitation should be directed via email to the Procurement Officer and must be received by the due date indicated in the Schedule of Events. The City will not consider questions received after the deadline.

No informal contact initiated by Offerors on the proposed service will be allowed with members of City's staff from date of distribution of this solicitation until after city council awards the contract. All questions concerning or issues related to this solicitation must be presented in writing.

The Procurement Officer will answer written inquiries in an addendum and publish any addendums on the Procurement Website.

## 2.8. Addenda

The City of Phoenix will not be responsible for any oral instructions made by any employees or officers of the City of Phoenix regarding this solicitation. Any changes will be in the form of an addendum. The Offeror must acknowledge receipt of any/all addenda by signing and returning the document with the Offer submittal.

## 2.9. Business in Arizona

The City will not enter contracts with Offerors (or any company(ies)) not granted authority to transact business, or not in good standing, in the state of Arizona by the Arizona Corporation Commission, unless the Offeror asserts a statutory exception prior to entering a contract with the City.

## 2.10. Licenses

If required by law for the operation of the business or work related to this Offer, Offeror must possess all valid certifications and/or licenses as required by federal, state or local laws at the time of submittal.

## 2.11. Certifications

By signature in the Offer section of the Offer and Acceptance page(s), Offeror certifies:

- The submission of the Offer did not involve collusion or other anti-competitive practices.
- The Offeror must not discriminate against any employee, or applicant for employment in violation of Federal or State Law.
- The Offeror 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, or service to a public servant in connection with the submitted Offer.

## 2.12. Submission of Offer

Offers must be in possession of the Department on or prior to the exact time and date indicated in the Schedule of Events. Late offers will not be considered. The prevailing clock will be the City Department's clock.

Offers must be submitted in one of the following ways:

- A. Submitted electronically by email to [wsdprocurement@phoenix.gov](mailto:wsdprocurement@phoenix.gov) and the following information should be noted in the email:
  1. Offeror's Name
  2. Offeror's Address (as shown on the Certification Page)
  3. Solicitation Number
  4. Solicitation Title
  5. Offer Opening Date
  6. Due to file size limitations for electronic transmission (for sending or receiving), Offers sent by email may need to be sent in parts with multiple emails. It is the responsibility of the Offeror to ensure that the Offer (including all parts if sent in multiple emails) is timely and to confirm that there are no technical reasons that any offer submitted electronically may be delayed. The date and time on the email(s) as received/stamped by the City's inbox will provide proof of submission and verification whether the Offer was received on or prior to the exact time and date indicated in the Schedule of Events.
  7. Any original documents (such as bonds, guaranties, powers of attorney), if required by the solicitation, must be separately delivered to and received by the City on or prior to the exact time and date indicated in the Schedule of Events, with a clear indication of the Offer for which it is attributed.

## 2.13. Withdrawal of Offer

At any time prior to the solicitation due date and time, an Offeror (or designated representative) may withdraw the Offer by submitting a request in writing and signed by a duly authorized representative. If Offeror withdraws the Offer electronically by email to the Procurement Officer, the request to withdraw must be in the form of a letter attached to the email that includes either an image of the duly authorized representative's signature or an electronic signature from a verifiable source, such as Adobe Sign, DocuSign or a similar verifiable software program.

## 2.14. Offer Results

Offers will be opened on the offer due date, time and location indicated in the Schedule of Events, at which time the name of each Offeror, and the prices may be read. Offers and other information received in response to the solicitation will be shown only to authorized City personnel having a legitimate interest in them or persons assisting the City in the evaluation. Offers are not available for public inspection until after the City has posted the award recommendation on the City's website.

The City will post a preliminary offer tabulation on the City's website, <https://solicitations.phoenix.gov/Awards> within five business days of the offer opening. The City will post the information on the preliminary tabulation as it was read during the offer opening. The City makes no guarantee as to the accuracy of any information on the preliminary



tabulation. Once the City has evaluated the offers, the City will post an award recommendation on the website. By signing and submitting its Offer, each Offeror agrees that this posting of the award recommendation to the City's website effectively serves as the Offeror's receipt of that notice of award recommendation. The City has no obligation to provide any further notification to unsuccessful Offerors.

## 2.15. Pre-Award Qualifications

Offerors responding to this Invitation for Bid (IFB) must provide documentation that demonstrates how the Offeror meets the Pre-Award Qualifications, in the order listed and referencing the related requirement(s) below.

- A. Offeror must have been in operation a minimum of five (5) years. The Offeror's normal business activity during the past two years will have been for providing the goods or services in this solicitation.
- B. Offeror must be able to provide Technicians that have been certified from an accredited HVAC trade school.

Upon notification of an intent to award, the Offeror will have ten calendar days to submit a complete certificate of insurance in the minimum amounts and the coverages as required in the Insurance Requirements of this agreement. Insurance requirements are non-negotiable.

## 2.16. Award of Contract

Unless otherwise indicated, award(s) will be made to the most responsive, responsible Offeror(s) who are regularly established in the service, or providing the goods, contained in this solicitation and who have demonstrated the ability to perform in an acceptable manner.

- C. Factors that may be considered by the City include:
  - 1. Technical capability of the Offeror to accomplish the scope of work required in the Solicitation. This may include performance history on past and current government or industrial contracts; and,
  - 2. Demonstrated availability of the necessary manpower (both supervisory and operational personnel) and necessary equipment to accomplish the scope of work in the Solicitation; and,
  - 3. Safety record; and,
  - 4. Offeror history of complaints and termination for convenience or cause.
- D. Notwithstanding any other provision of this solicitation, the City reserves the right to: (1) waive any immaterial defect or informality; or (2) reject any or all offers or portions thereof; or (3) reissue a solicitation.
- E. A response to a solicitation is an offer to contract with the City based upon the terms, conditions, and specifications contained in the City's solicitation. Offers do not become contracts until they are executed by the Chief Procurement Officer or Department Director. A contract has its inception in the award, eliminating a formal signing of a

separate contract. For that reason, all of the terms, conditions and specifications of the procurement contract are contained in the solicitation, and in any addendum or contract amendment.

## 2.17. Solicitation Transparency Policy

Commencing on the date and time a solicitation is published, potential or actual Offerors or respondents (including their representatives) shall only discuss matters associated with the solicitation with the Mayor, any members of City Council, the City Manager, any Deputy City Manager, or any department director directly associated with the solicitation (including in each case their assigned staff, except for the designated Procurement Officer) at a public meeting, posted under Arizona Statutes, until the resulting contract(s) are awarded to all offers or responses are rejected and the solicitation is cancelled without any announcement by the Procurement Officer of the City's intent to reissue the same or similar solicitation.

As long as the solicitation is not discussed, Offerors may continue to conduct business with the City and discuss business that is unrelated to the solicitation with the City staff. Offerors may not discuss the solicitation with any City employees or evaluation panel members.

Offerors may discuss their proposal or the solicitation with the Mayor or one or more members of the Phoenix City Council, provided such meetings are scheduled through the Procurement Officer, and are posted as open meetings with the City Clerk at least 24 hours prior to the scheduled meetings. The City Clerk will be responsible for posting the meetings. The posted notice shall identify the participants and the subject matter, as well as invite the public to participate.

With respect to the selection of the successful Offerors, the City Manager and/or City Manager's Office will continue the past practice of exerting no undue influence on the process. In all solicitations of bids and proposals, any direction on the selection from the City Manager and/or City Manager's Office and Department Head (or representative) to the proposal review panel or selecting authority must be provided in writing to all prospective Offerors.

This policy is intended to create a level playing field for all Offerors, assure that contracts are awarded in public, and protect the integrity of the selection process. OFFERORS THAT VIOLATE THIS POLICY SHALL BE DISQUALIFIED. After official Notice is received by the City for disqualification, the Offeror may follow the Protest process, unless the Solicitation is cancelled without notice of intent to re-issue.

"To discuss" means any contact by the Offeror, regardless of whether the City responds to the contact. Offerors that violate this policy will be disqualified until the resulting contract(s) are awarded, or all offers or responses are rejected and the solicitation is cancelled without any announcement by the Procurement Officer of the City's intent to reissue the same or a similar solicitation. The City interprets the policy as continuing through a cancellation of a solicitation until Council award of the contract, as long as the City cancels with a statement that the City will rebid the solicitation.

## 2.18. Protest Process

Offeror may protest the contents of a solicitation no later than seven days before the solicitation deadline when the protest is based on an apparent alleged mistake, impropriety or defect in the

solicitation. Protests filed regarding the solicitation may be addressed by an amendment to the solicitation or denied by the City. If denied, the opening and award will proceed unless the City determines that it is in the City's best interests to set new deadlines, amend the solicitation, cancel or re-bid.

Therefore, unless otherwise notified by a formal amendment, the Protester must adhere to all solicitation dates and deadlines, including timely filing of an offer, regardless of filing a protest.

Offeror may protest an adverse determination issued by the City regarding responsibility and responsiveness, within seven days of the date the Offeror was notified of the adverse determination.

Offeror may protest an award recommendation if the Offeror can establish that it had a substantial chance of being awarded the contract and will be harmed by the recommended award. The City will post recommendations on the City's website to award the contract(s) to an Offeror(s). Offeror must submit award protests within seven days after the posting of the award recommendation, with exceptions only for good cause shown, within the City's full and final discretion.

All protests will be in writing, filed with the Procurement Officer identified in the solicitation and include the following:

- Identification of the solicitation number;
- The name, address and telephone number of the protester;
- A detailed statement describing the legal and factual grounds for the protest, including copies of relevant documents;
- The form of relief requested; and
- The signature of the protester or its authorized representative.

The Procurement Officer will render a written decision within a reasonable period after the protest is filed. The City will not request City Council authorization to award the contract until the protest process is complete. All protests and appeals must be submitted in accordance with the City's Procurement Code, (Phoenix City Code, Ch. 43) and any protests or appeals not submitted within the time requirements will not be considered. Protests must be filed with the Procurement Officer.

## 2.19. Public Record

All Offers submitted in response to this solicitation will become the property of the City and become a matter of public record available for review pursuant to Arizona State law. If an Offeror believes that a specific section of its Offer response is confidential, the Offeror will isolate the pages marked confidential in a specific and clearly labeled section of its Offer response. An Offeror may request specific information contained within its Offer is treated by the Procurement Officer as confidential provided the Offeror clearly labels the information "confidential." To the extent necessary for the evaluation process, information marked as "confidential" will not be treated as confidential. Once the procurement file becomes available for public inspection, the Procurement Officer will not make any information identified by the

Offerors as “confidential” available to the public unless necessary to support the evaluation process or if specifically requested in accordance with applicable public records law. When a public records request for such information is received, the Procurement Officer will notify the Offeror in writing of any request to view any portion of its Offer marked “confidential.” The Offeror will have the time set forth in the notice to obtain a court order enjoining such disclosure. If the Offeror does not provide the Procurement Officer with a court order enjoining release of the information during the designated time, the Procurement Officer will make the information requested available for inspection.

## 2.20. Late Offers

Late Offers must be rejected, except for good cause. If a late Offer is submitted, the Department will document the date and time of the submittal of the late Offer, keep the Offer and notify the Offeror that its Offer was disqualified for being a late Offer.

## 2.21. Right to Disqualify

The City reserves the right to disqualify any Offeror who fails to provide information or data requested or who provides materially inaccurate or misleading information or data. The City further reserves the right to disqualify any Offeror on the basis of any real or apparent conflict of interest that is disclosed by the Offer submitted or any other data or information available to the City. This disqualification is at the sole discretion of the City. By submission of a solicitation response, the Offeror waives any right to object now or at any future time, before any agency or body including, but not limited to, the City Council of the City or any court as to the exercise by the City of such right to disqualify or as to any disqualification by reason of real or apparent conflict of interest determined by the City. The City reserves the right to replace the disqualified Offeror.

## 2.22. Site Inspection

A one-time walk-through site inspection tour will be conducted at the date and time indicated in the Schedule of Events. Submission of an offer will be prima facie evidence that the Offeror did, in fact, make a site inspection and is aware of all conditions affecting performance and Offer prices.

## 2.23. Contract Award

In accordance with the City of Phoenix Code, Chapter 43, Section 43-12, Competitive Sealed Bidding, award(s) shall be made to the lowest responsible and responsive offeror(s) whose offer conforms in all material respects to the requirements set forth in this solicitation. The City reserves the right to award a contract by individual line items, by group, all or none, or any other combination most advantageous to the City. The City reserves the right to multiple award.

## 2.24. Determining Responsiveness and Responsibility

Offers will be reviewed for documentation of any required minimum qualifications, and completeness and compliance with the solicitation requirements. The City reserves sole discretion to determine responsiveness and responsibility.

**Responsiveness:** Nonresponsive Offers will not be considered in the evaluation process. The solicitation states criteria that determine responsiveness, and the solicitation includes terms and conditions that if included or excluded from Offers will render an Offer nonresponsive.

**Responsibility:** To obtain true economy, the City must conduct solicitations to minimize the possibility of a subsequent default by the Offeror, late deliveries, or other unsatisfactory performance that may result in additional administrative costs. It is important that the Offeror be a responsible Offeror. Responsibility includes the Offeror's integrity, skill, capacity, experience, and facilities for conducting the work to be performed.

## 2.25. Equal Low Offer

Contract award will be made by putting the names of the tied Offerors in a cup for a blind drawing limited to those bidders with tied Offers. If time permits, the Offerors involved will be given an opportunity to attend the drawing. The drawing will be witnessed by at least three persons, and the contract file will contain the names and addresses of the witnesses.

### **3. Scope of Work**

#### **3.1. Purpose**

The City of Phoenix (COP) Water Services Department (WSD) requires preventative maintenance, repairs and replacement parts on all heating, ventilation, and air conditioning (HVAC) units. The contract will also include replacement units as needed.

#### **3.2. Background**

WSD is responsible for the maintenance and upkeep of the HVAC units located in the Phoenix Metropolitan area and neighboring cities. Currently, equipment tonnages range from large capacity water cooled chillers to greater than one-ton through-the-wall air conditioning units.

#### **3.3. Contractor Requirements and Responsibilities**

Contractor shall:

- A. Provide labor
- B. Provide materials
- C. Provide equipment
- D. Provide supplies
- E. Provide transportation necessary to perform equipment repairs
- F. Provide Startup services
- G. Provide preventative maintenance
- H. Provide replacement parts for HVAC units on an as-needed basis
- I. Be able to provide temporary units in emergency situations, equal in size and capacity, as requested and perform any other HVAC related work not specifically listed above.
- J. Perform all service work to a professional standard, performed in a neat and professional manner, meeting all required state and municipal building codes, and susceptible to FMPC inspection and approval. All materials used will be approved in writing by the FMPC.
- K. Notify FMPC or designee in writing of any unforeseen repairs, equipment and/or parts needed at job site. Additional work, parts and equipment needs will be approved by FMPC or designee prior to performing services.
- L. Perform work in a way to minimize disruption to the normal operation of building tenants. Upon completion of work the Contractor is responsible for cleaning and removing from the job site all debris, materials, and equipment associated with the work performed.
- M. Make necessary repairs in such a manner that does not damage City property. In the event damage occurs to City of Phoenix property or any adjacent property due to any repairs or installations performed under this Contract, the Contractor will replace or repair the same at no cost to the City. If damage caused by the Contractor must be repaired or replaced by the City, the cost of such work will be deducted from the monies due the Contractor.
- N. Ensure all trash generated by work performed will be removed from the site.

- O. Ensure all disturbances to the area where the Contractor performed work are restored to the same condition prior to start of the job. Such disturbances may include, but not limited to excess material and construction debris; etc. If an inspection reveals that the Contractor fails to clean up after work has been performed, the City will notify the Contractor of the discrepancy and the Contractor will have 24 hours to make the needed correction.
- P. In the event the work performance of the Contractor is unsatisfactory, Contractor will be notified by the City and be given 1 day to correct the work. Labor for all re-work will be at no cost to the City.
- Q. Comply with all OSHA standards and provide a copy of their written safety program if requested by FMPC.
- R. Conduct and provide condition assessments after preventative maintenance on annual basis utilizing Exhibit 1 City of Phoenix Condition Analysis Assessment Template.

### 3.4. Minimum Experience/Qualifications

The Contractor shall:

- A. Possess certified experience to provide HVAC Services.
- B. Provide Technician(s) that have Level 1, Level 2, Level 3, and/or Universal Certification.

### 3.5. Governing Laws and Standards

The Contractor Shall:

- A. Be responsible for complying with the most current Phoenix Building Safety Codes, the City of Phoenix Fire Code, NFPA 70E, ASHRAE 90.1, and all other governing codes, permits, rules, laws, regulations and statutes pertaining to the work being performed.

### 3.6. Equipment and Site Locations

- A. Services may take place at any of the WSD locations in Phoenix Metropolitan area or neighboring cities. Equipment types, manufacturers, and age vary throughout the locations.
- B. Brand Criteria include but is not limited to: Aeon, Amana, AZ-Tec, Energy Saver, Goodman, Bryant/Carrier, Trane/American Standard, Mastercool, Lennox, McLean, Ruud/Rheem, United Metal Products, Spec-Air, Sun Mfg., Tradewinds, York, Premier, Aero Cool, Mitsubishi, Bard, and Hoffman.
- C. The City reserves the right to add and/or remove locations.
- D. The City reserves the right to add and/or remove equipment.

### 3.7. Inspection and Maintenance

The Contractor Shall:

- A. Follow manufacturer recommended inspection and preventive maintenance procedures as set forth in the inspection list provided by WSD (Exhibits 2 and 3). The City may change or modify the procedures depending on needs.

### 3.8. General Guidelines for Evaporative Coolers

The Contractor shall:

- A. Follow manufacturer recommended inspection and preventative maintenance procedures set forth in the inspection list provide by WSD (Exhibit 4). The city may change or modify the inspection list depending on needs.

### 3.9. Equipment Replacement

- A. The Contractor Shall:  
Be responsible for removing and disposing of old HVAC equipment and materials as required. New HVAC units must be a nationally recognized brand names or a specific brand as requested by the respective Facilities Management Project Coordinator (FMPC).
- B. Ensure that HVAC and thermostat replacements will meet the following applicable criteria:
  1. Efficiencies of new equipment will meet City of Phoenix building design standards whenever possible. Use of equipment which does not meet this standard requires prior approval of the (FMPC).
  2. All equipment replacements will conform to current City of Phoenix building codes, the Phoenix Building Safety Code, City of Phoenix Fire Code, National Electrical Code, NFPA 70E, and ASHRAE 90.1
  3. Provide incidental electrical work as required to install HVAC replacements. Any roof penetration adjustments identified by the Contractor need prior approval by the FMPC prior to repairs.
  4. If permits are required, the contractor will obtain the permit and may submit the permit fee for reimbursement as part of the service invoice. All administrative costs must be absorbed by the Contractor.
- C. Ensure service truck(s) carry sufficient supply of repair parts and equipment to perform routine HVAC service and repairs.

### 3.10. Equipment/Parts Delivery

The Contractor Shall:

- A. Contact FMPC to schedule date/time for the delivery of ordered equipment and/or parts for job site. All deliveries will be made between the hours of 6 a.m. and 4:30 p.m., local time, Monday through Friday, excluding City holidays.



### 3.11. Optional Filter Change Service

The Contractor Shall:

- A. On occasion, change the air filters be changed during the maintenance of equipment, upon WSD request.

### 3.12. Equipment Locations

The Contractor shall:

- A. Include labor and materials for sealing, perforation, re-sealing roof, disconnecting and adding non-mercury thermostats as required.
- B. Cap off gas if required.
- C. Tie down unit securely for safety.
- D. Provide crane costs if required.
- E. Include removal and disposal of old HVAC equipment and materials.
- F. Label new equipment to match existing breaker and thermostat.
- G. There is no typical equipment installation scenario. Equipment may be located on a flat roof, pitched roof, ground/pad mounted, wall mounted, etc. Replacement of an existing unit will not typically require additional structural reinforcement or additional electrical and/or water hookups.
- H. The City reserves the right to add and/or remove equipment and locations. See Exhibit 5 for list of current equipment and locations.

### 3.13. New Equipment Warranties

The Contractor Shall:

- A. List on the invoice/service ticket the brand name and part/model number of all new HVAC equipment.
- B. A minimum of one (1) year written warranty will apply to all materials and installation from the date of final acceptance of the project by FMPC. Any manufacturer's warranties that are more than one (1) year will be extended to the City.

### 3.14. Repair Warranties

The Contractor Shall:

- A. List on the invoice/service ticket the brand name and part/model number of all replacement parts used. All repairs are warranted for minimum period of ninety (90) calendar days from the date of repair. Any replacement parts that fail during the warranty period will be replaced at no charge to the City including all labor. If the same item must be repaired again for any failure during the warranty period, the follow-up service will be performed at no charge to the City. Parts that carry a standard warranty that exceed ninety (90) days will be honored by the Contractor. All manufacturers' warranties that are more than one year will be extended to the City.

- B. Be responsible for workmanship only if uses replacement parts provided by the City, the Contractor will be responsible for workmanship only.
- C. Follow the response times outlined in Section 17 of this scope of work.
- D. Provide Warranty services in accordance with the agreed upon Attachment C – Warranty information.

### 3.15. Labor Rates

Labor rate shall start upon arrival at job site and end upon completion of work that day at job site with one-hour minimum. Additional labor will be paid in one (1) quarter hour increments. The Contractor(s) will not charge portal to portal rates or additional charges for service calls. All jobs are expected to require one (1) service person. FMPC must approve, in writing, multiple service people before the work is started.

### 3.16. Work Hours

- A. Regular: Work hours are 6:00 a.m. until 5:00 p.m., Monday through Friday; excluding City observed holidays, regular hourly labor rate will apply. Actual work hours may vary and will be dependent upon time of entry permitted by the private property owner (or his representative) as coordinated by the Contractor(s).
- B. Premium: Work hours other than regular hours defined above will be considered premium hours. Premium hours include Saturdays, Sundays, City observed holidays and weekdays between 5:00 p.m. and 6:00 a.m. Use of premium work hours will have the prior approval of the FMPC or designee.

### 3.17. Response Times

The Contractor Shall:

- A. Ensure that verbal responses to all service work will be within four hours of notification from FMPC, except for emergency requests.
- B. Upon notification of emergency service work, contractor shall:
  - 1. Verbally contact FMPC or designee within one hour.
  - 2. Coordinate all repair service work at the discretion of FMPC or designee.
- C. Coordinate all repair/installation schedules with the FMPC before beginning work.
- D. Be required to provide 24-hour contact via email, mobile phone call and/or text message.
- E. Be required to respond with a technician within 72-hours for a standard service work call and 24-hours for emergency service work.

### 3.18. Equipment Rental

The Contractor will be responsible for providing all equipment and vehicles necessary to complete the project at no additional cost to the City. Contractor may be required to service unique building structures that may require utilizing specialty equipment. The Contractor will identify all equipment necessary (that will result in additional charges) prior to performing the service. Upon written approval by the FMPC, the charges and fees as agreed upon will be

reimbursed at the actual expense of the Contractor, without added overhead and profit. Original invoice(s) from supplier's materials and special equipment will be provided at the time of billing. The City will not accept any invoice that has been altered in any manner.

Any sub-contractor needed for support services will be for a unique or specialty nature and charged as unique or a specialty equipment. Contractor must meet insurance, security and badging requirements.

### 3.19. Work Order Requests

Contractor shall be issued a work order and/or shopping cart or a purchase order number for all individual service requests. The FMPC or designee will verbally issue work order and/or shopping cart number by calling Contractors service request line on an as needed basis. The Contractor is required to schedule a site visit with the FMPC for a pre-job inspection.

### 3.20. Pre-Job Inspection

- A. Special projects shall require a minimum of one site-visit, at no cost to the City of Phoenix.
- B. The Contractor shall assess the equipment, make recommendations, and develop an estimate. A separate meeting will be held after the award and before any work starts under this contract.

### 3.21. Project Estimates

Each project shall require a site inspection by the Contractor. Within five (5) business days, the Contractor shall provide a report that includes the following:

- A. Description of the existing system(s).
- B. Recommended replacement equipment, duct work, electrical upgrades, thermostat, and ancillary items.
- C. Labor: estimated number of labor hours in each category such as: roof work, equipment installation, sheet metal/duct work, pipefitters, carpentry rates based on the prices bid in the Pricing Proposal Template.
- D. Equipment: detailed description of equipment.
- E. Realistic timeframe for start and end date for project.

### 3.22. Project Work and Time and Materials

Project work means work performed on minor projects to facilities. All Contractors awarded a contract through this solicitation will have an opportunity to quote on project work. After site review of the project, Contractor shall submit a written project quote to the requestor.

- A. The project quote will contain the following information:
  - 1. Contract name and contract number
  - 2. Name and address of facility or work site
  - 3. Detailed scope of work
  - 4. Other information relative to the scope of work

5. Project start/finish time line
  6. Signature of Contractor
- B. The submitted project price quote will be listed as labor and materials. The materials cost will include everything Contractor anticipates necessary to complete the job (i.e., rental equipment, materials, subcontractor costs, mobilization costs, demobilization costs, permits, etc.). The City will not pay for estimates / quotes. Any cost overruns will be absorbed by the Contractor or cost savings will be additional profit. Exceptions to this are changes requested by the City that incur higher project cost and longer delays. Contractor will receive a revised purchase order for all change orders. Contractor who fails to acquire a revised purchase order runs the risk of incurring these additional costs without payment.
- C. Contractor shall use City provided Preventative Maintenance Checklist (Exhibits 2, 3, and/or 4) for all preventive maintenance visits. A copy must be given to FMPC upon completion of the inspection. The checklist will include all items inspected, parts serviced and/or replaced, quantity of refrigerant recharge, and note the general condition of the unit. FMPC reserves the right to modify any and/or all of the PM reports as needed.

### 3.23. Sub-Contractors

Nothing contained in the specifications will be construed as creating any contractual relationship between any subcontractor and the City. The Contractor agrees to inform the City of any subcontractor that will perform work on City property under the resultant agreement.

## 4. Standard Terms and Conditions

### 4.1. Definition of Key Words Used in the Solicitation

**Shall, Will, Must:** Indicates a mandatory requirement. Failure to meet these mandatory requirements may result in the rejection of Offer as non-responsive.

**Should:** Indicates something that is recommended but not mandatory. If the Offeror fails to provide recommended information, the City may, at its sole option, ask the Offeror to provide the information or evaluate the Offer without the information.

**May:** Indicates something that is not mandatory but permissible.

For purposes of this solicitation, the following definitions will apply:

"A.R.S." Arizona Revised Statute

"Buyer" or "Procurement Officer" City of Phoenix staff person responsible for the solicitation. The City employee or employees who have specifically been designated to act as a contact person or persons to the Contractor, and responsible for monitoring and overseeing the Contractor's performance under this contract.

"City" The City of Phoenix

"Contractor" The individual, partnership, or corporation who, as a result of the competitive process, is awarded a contract by the City of Phoenix.

"Contract" or "Agreement" The legal agreement executed between the City of Phoenix, AZ and the Contractor.

"Days" Means calendar days unless otherwise specified.

"Chief Procurement Officer" The contracting authority for the City of Phoenix, AZ, authorized to sign contracts and amendments thereto on behalf of the City of Phoenix, AZ.

"Employer" Any individual or type of organization that transacts business in this state, that has a license issued by an agency in this state and employs one or more employees in this state. Employer includes this state, any political subdivision of this state and self-employed persons. In the case of an independent contractor, employer means the independent contractor and does not mean the person or organization that uses contract labor. (A.R.S. 23-211).

"Offer" Means a response from a Supplier, Contractor, or Service Provider to a solicitation request that, if awarded, binds the Supplier, Contractor, or Service Provider to perform in accordance with the contract. Same as bid, proposal, quotation or tender.

"Offeror" Any Vendor, Seller or Supplier submitting a competitive offer in response to a solicitation from the City. Same as Bidder or Proposer.

"Solicitation" Means an Invitation for Bid (IFB), Request for Proposal (RFP), Request for Quotations (RFQ), Request for Qualifications (RFQu) and request for sealed Offers, or any other type of formal procurement which the City makes public through advertising, mailings, or some other method of communication. It is the process by which the City seeks information, proposals, Offers, or quotes from suppliers.

“Suppliers” Firms, entities or individuals furnishing goods or services to the City.

“Vendor or Seller” A seller of goods or services.

## 4.2. Contract Interpretation

- A. **Applicable Law:** This Contract will be governed by the law of the State of Arizona, and suits pertaining to this Contract will be brought only in Federal or State courts in Maricopa County, State of Arizona.
- B. **Contract Order of Precedence:** In the event of a conflict in the provisions of the Contract, as accepted by the City and as they may be amended, the following will prevail in the order set forth below:
1. Federal terms and conditions, if any
  2. Special terms and conditions
  3. Standard terms and conditions
  4. Amendments
  5. Statement or scope of work
  6. Specifications
  7. Attachments
  8. Exhibits
  9. Instructions to Contractors
  10. Other documents referenced or included in the Solicitation
- C. **Organization – Employment Disclaimer:** The Agreement resulting hereunder is not intended to constitute, create, give rise to or otherwise recognize a joint venture agreement or relationship, partnership or formal business organization of any kind, and the rights and obligations of the parties will be only those expressly set forth in the agreement. The parties agree that no persons supplied by the Contractor in the performance of Contractor’s obligations under the agreement are considered to be City’s employees and that no rights of City civil service, retirement or personnel rules accrue to such persons. The Contractor will have total responsibility for all salaries, wage bonuses, retirement, withholdings, workmen’s compensation, occupational disease compensation, unemployment compensation, other employee benefits and all taxes and premiums appurtenant thereto concerning such persons, and will save and hold the City harmless with respect thereto.
- D. **Severability:** The provisions of this Contract are severable to the extent that any provision or application held to be invalid will not affect any other provision or application of the contract which may remain in effect without the invalid provision or application.

- E. **Non-Waiver of Liability:** The City of Phoenix as a public entity supported by tax monies, in execution of its public trust, cannot agree to waive any lawful or legitimate right to recover monies lawfully due it. Therefore, any Contractor agrees that it will not insist upon or demand any statement whereby the City agrees to limit in advance or waive any right the City might have to recover actual lawful damages in any court of law under applicable Arizona law.
- F. **Parol Evidence:** This Agreement is intended by the parties as a final expression of their agreement and is intended also as a complete and exclusive statement of the terms of this agreement. No course of prior dealings between the parties and no usage in the trade will be relevant to supplement or explain any term used in this Contract. Acceptance or acquiescence in a course of performance rendered under this contract will not be relevant to determine the meaning of this Contract even though the accepting or acquiescing party has knowledge of the nature of the performance and opportunity to object.

#### 4.3. Contract Administration and Operation

- A. **Records:** All books, accounts, reports, files and other records relating to the contract will be subject at all reasonable times to inspection and audit by the City for five years after completion of the contract. Such records will be produced at a City of Phoenix office as designated by the City. Confidentiality will be maintained, and City will not violate any proprietary or other confidentiality agreements Contractor has in place.
- B. **Discrimination Prohibited:** Contractor agrees to abide by the provisions of the Phoenix City Code Chapter 18, Article V as amended. Any Contractor, in performing under this contract, will not discriminate against any worker, employee or applicant, or any member of the public, because of race, color, religion, sex, national origin, age or disability nor otherwise commit an unfair employment practice. The supplier and/or lessee will take action to ensure that applicants are employed, and employees are dealt with during employment without regard to their race, color, religion, sex, or national origin, age or disability and adhere to a policy to pay equal compensation to men and women who perform jobs that require substantially equal skill, effort and responsibility, and that are performed within the same establishment under similar working conditions. Such action will include but not be limited to the following: Employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training; including apprenticeship. The supplier further agrees that this clause will be incorporated in all subcontracts with all labor organizations furnishing skilled, unskilled and union labor, or who may perform any such labor or services in connection with this contract. Contractor further agrees that this clause will be incorporated in all subcontracts, job-contractor agreements or subleases of this agreement entered into by supplier/lessee.
- C. **Equal Employment Opportunity and Pay:** In order to do business with the City, Contractor must comply with Phoenix City Code, 1969, Chapter 18, Article V, as

amended, Equal Employment Opportunity Requirements. Contractor will direct any questions in regard to these requirements to the Equal Opportunity Department, (602) 262-6790.

1. **For a Contractor with 35 employees or fewer:** Contractor in performing under this Agreement shall not discriminate against any worker, employee or applicant, or any member of the public, because of race, color, religion, sex, national origin, age, or disability, nor otherwise commit an unfair employment practice. The Contractor will ensure that applicants are employed, and employees are dealt with during employment without regard to their race, color, religion, sex, national origin, age, or disability. Such action shall include but not be limited to the following: employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training; including apprenticeship. The Contractor further agrees that this clause will be incorporated in all subcontracts related to this Agreement that involve furnishing skilled, unskilled and union labor, or who may perform any such labor or services in connection with this Agreement. Contractor further agrees that this clause will be incorporated in all subcontracts, Contractor agreements or subleases of this agreement entered into by supplier/lessee.
  
2. **For a Contractor with more than 35 employees:** Contractor in performing under this Agreement shall not discriminate against any worker, employee or applicant, or any member of the public, because of race, color, religion, sex, national origin, age, or disability, nor otherwise commit an unfair employment practice. The Contractor will ensure that applicants are employed, and employees are dealt with during employment without regard to their race, color, religion, sex, national origin, age, or disability, and shall adhere to a policy to pay equal compensation to men and women who perform jobs that require substantially equal skill, effort, and responsibility, and that are performed within the same establishment under similar working conditions. Such action shall include but not be limited to the following: employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training; including apprenticeship. The Contractor further agrees that this clause will be incorporated in all subcontracts with all labor organizations furnishing skilled, unskilled and union labor, or who may perform any such labor or services in connection with this contract. Contractor further agrees that this clause will be incorporated in all subcontracts, job-Contractor agreements or subleases of this Agreement entered into by supplier/lessee. The Contractor further agrees not to discriminate against any worker, employee or applicant, or any member of the public, because of sexual orientation or gender identity or expression and shall ensure that applicants are employed, and employees are dealt with during employment without regard to their sexual orientation or gender identity or expression.



3. **Documentation:** Suppliers and lessees may be required to provide additional documentation to the Equal Opportunity Department affirming that a nondiscriminatory policy is being utilized.
  4. **Monitoring:** The Equal Opportunity Department shall monitor the employment policies and practices of suppliers and lessees subject to this article as deemed necessary. The Equal Opportunity Department is authorized to conduct on-site compliance reviews of selected firms, which may include an audit of personnel and payroll records, if necessary.
- D. **Legal Worker Requirements:** The City of Phoenix is prohibited by A.R.S. § 41-4401 from awarding a contract to any Contractor who fails, or whose subcontractors fail, to comply with A.R.S. § 23-214(A). Therefore, Contractor agrees that:
1. Contractor and each subcontractor it uses warrants their compliance with all federal immigration laws and regulations that relate to their employees and their compliance with A.R.S. § 23-214, subsection A.
  2. A breach of a warranty under paragraph 1 will be deemed a material breach of the contract that is subject to penalties up to and including termination of the contract.
  3. The City of Phoenix retains the legal right to inspect the papers of any Contractor or subcontractor employee who works on the contract to ensure that the Contractor or subcontractor is complying with the warranty under paragraph 1.
- E. **Health, Environmental, and Safety Requirements:** The Contractor's products, services and facilities will be in full compliance with all applicable Federal, State and local health, environmental and safety laws, regulations, standards, codes and ordinances, regardless of whether or not they are referred to by the City. At the request of City representatives, the Contractor will provide the City:
1. Environmental, safety and health regulatory compliance documents (written safety programs, training records, permits, etc.) applicable to services provided by the Contractor in this contract.
  2. A list of all federal, state, or local (EPA, OSHA, Maricopa County, etc.) citations or notice of violations issued against their firm or their subcontractors including dates, reasons, dispositions and resolutions.
  3. The City will have the right, but not the obligation to inspect the facilities, transportation vehicles or vessels, containers and disposal facilities provided by the Contractor or subcontractor. The City will also have the right to inspect operations conducted by the Contractor or subcontractor in the performance of this agreement. The City further reserves the right to make unannounced inspections of the Contractor's facilities (during normal business hours).
- F. **Compliance with Laws:** Contractor agrees to fully observe and comply with all applicable Federal, State and local laws, regulations, standards, codes and ordinances

when performing under this Contract regardless of whether they are being referred to by the City. Contractor agrees to permit City inspection of Contractor's business records, including personnel records to verify any such compliance. Because the contractor will be acting as an independent contractor, the City assumes no responsibility for the Contractor's acts.

- G. **Lawful Presence Requirement:** Pursuant to A.R.S. §§ 1-501 and -502, the City of Phoenix is prohibited from awarding a contract to any natural person who cannot establish that he or she is lawfully present in the United States. In order to establish lawful presence, this person must produce qualifying identification and sign a City-provided affidavit affirming that the identification provided is genuine. This requirement will be imposed at the time of contract award. In the event the prevailing responder is unable to satisfy this requirement, the City will offer the award to the next-highest scoring responder. The law does not apply to fictitious entities such as corporations, partnerships and limited liability companies.
- H. **Continuation During Disputes:** Contractor agrees that notwithstanding the existence of any dispute between the parties, insofar as is possible, under the terms of the contract, the Contractor will continue to perform the obligations required of Contractor during the continuation of any such dispute unless enjoined or prohibited by an Arizona Court of competent jurisdiction.
- I. **Emergency Purchases:** The City reserves the right to purchase from other sources those items which are required on an emergency basis and cannot be supplied immediately from stock by the Contractor.

#### 4.4. Costs and Payments

- A. **General:** Any prompt payment terms offered must be clearly noted by the Contractor on all invoices submitted to the City for the payment of goods or services received. The City will make every effort to process payment for the purchase of material or services within thirty to forty-five calendar days after receipt of a correct invoice, unless a good faith dispute exists to any obligation to pay all or a portion of the account. Payment terms are specified in the Offer.
- B. **Payment Deduction Offset Provision:** Contractor acknowledges that the City Charter requires that no payment be made to any Contractor as long as there is an outstanding obligation due to the City. Contractor agrees that any obligation it owes to the City will be offset against any payment due to the Contractor from the City.
- C. **Late Submission of Claim by Contractor:** The City will not honor any invoices or claims which are tendered one year after the last item of the account accrued.
- D. **Discounts:** If applicable, payment discounts will be computed from the date of receiving acceptable products, materials and/or services or correct invoice, whichever is later to the date payment is mailed.

- E. **No Advance Payments:** Advance payments are not authorized. Payment will be made only for actual services or commodities that have been received, unless addressed specifically in the Scope of work for subscription services.
- F. **Fund Appropriation Contingency:** The Contractor recognizes that any agreement entered into will commence upon the day first provided and continue in full force and effect until termination in accordance with its provisions. The Contractor and the City herein recognize that the continuation of any contract after the close of any given fiscal year of the City, which ends on June 30th of each year, will be subject to the approval of the budget of the City providing for or covering such contract item as an expenditure therein. The City does not represent that said budget item will be actually adopted, said determination being the determination of the City Council at the time of the adoption of the budget.
- G. **Maximum Prices:** The City will not be invoiced at prices higher than those stated in any contract resulting from this Offer. Contractor certifies, by signing this Offer that the prices offered are no higher than the lowest price the Contractor charges other buyers for similar quantities under similar conditions, as applicable and shown by quotes for like services and goods. Contractor further agrees that any reductions in the price of the goods or services covered by this Offer and occurring after award will apply to the undelivered balance. The Contractor will promptly notify the City of such price reductions.
- H. **F.O.B. Point:** All prices are to be quoted F.O.B. destination, unless specified elsewhere in this solicitation.

#### 4.5. Contract Changes

- A. **Contract Amendments:** Contracts will be modified only by a written contract amendment signed by persons duly authorized to enter into contracts on behalf of the Contractor. No verbal agreement or conversation with any officer, agent, or employee of the City either before or after execution of the contract, will affect or modify any of the terms or obligations contained or to be contained in the contract. Any such verbal agreements or conversation shall be considered as unofficial information and in no way binding upon the City or the Contractor. All agreements shall be in writing and contract changes shall be by written amendment signed by both parties.
- B. **Assignment - Delegation:** No right or interest in this contract nor monies due hereunder will be assigned in whole or in part without written permission of the City, and no delegation of any duty of Contractor will be made without prior written permission of the City, which may be withheld for good cause. Any assignment or delegation made in violation of this section will be void.
- C. **Non-Exclusive Contract:** Any contract resulting from this solicitation will be awarded with the understanding and agreement that it is for the sole convenience of the City. The

City reserves the right to obtain like goods or services from another source when necessary.

#### 4.6. Risk of Loss and Liability

- A. **Title and Risk of Loss:** The title and risk of loss of material or service will not pass to the City until the City actually receives the material or service at the point of delivery; and such loss, injury, or destruction will not release seller from any obligation hereunder.
- B. **Acceptance:** All material or service is subject to final inspection and acceptance by the City. Material or service failing to conform to the specifications of this contract will be held at Contractor's risk and may be returned to the Contractor. If so returned, all costs are the responsibility of the Contractor. Noncompliance will conform to the cancellation clause set forth in this document.
- C. **Force Majeure:** Except for payment of sums due, neither party will 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 party affected and occurs without its fault or negligence. Force majeure will not include late performance by a subcontractor unless the delay arises out of a force majeure occurrence in accordance with this force majeure term and condition. If either party is delayed at any time in the progress of the work by force majeure, the delayed party will notify the other party in writing of such delay, as soon as is practical, of the commencement thereof and will specify the causes of such delay in such notice. Such notice will be hand-delivered or mailed certified-return receipt and will make a specific reference to this provision, thereby invoking its provisions. The delayed party will cause such delay to cease as soon as practicable and will notify the other party in writing when it has done so. The time of completion will be extended by contract modification for a period of time equal to the time that results or effects of such delay prevent the delayed party from performing in accordance with this contract.
- D. **Loss of Materials:** The City does not assume any responsibility, at any time, for the protection of or for loss of materials, from the time that the contract operations have commenced until the final acceptance of the work by the City.
- E. **Contract Performance:** Contractor will furnish all necessary labor, tools, equipment, and supplies to perform the required services at the City facilities designated, unless otherwise specifically addressed in the scope, or elsewhere in this Agreement. The City's authorized representative will decide all questions which may arise as to the quality and acceptability of any work performed under the contract. If, in the opinion of the City's authorized representative, performance becomes unsatisfactory, the City will notify the Contractor. The Contractor will have 30 days from that time to correct any specific instances of unsatisfactory performance, unless a different amount of time is specified in the agreement. In the event the unsatisfactory performance is not corrected within the time specified, the City will have the immediate right to complete the work to

its satisfaction and will deduct the cost to cover from any balances due or to become due the Contractor. Repeated incidences of unsatisfactory performance may result in cancellation of the agreement for default.

- F. **Damage to City Property:** Contractor will perform all work so that no damage to the building or grounds results. Contractor will repair any damage caused to the satisfaction of the City at no cost to the City. Contractor will take care to avoid damage to adjacent finished materials that are to remain. If finished materials are damaged, Contractor will repair and finish to match existing material as approved by the City at Contractor's expense.

#### 4.7. City's Contractual Rights

Whenever one party to this contract in good faith has reason to question the other party's intent to perform, the former party may demand that the other party give a written assurance of this intent to perform. In the event that a demand is made and no written assurance is given within five days, the demanding party may treat this failure as an anticipatory repudiation of this contract.

- A. **Non-Exclusive Remedies:** The rights and remedies of the City under this Contract are non-exclusive.
- B. **Default in One Installment to Constitute Breach:** Each installment or lot of the agreement is dependent on every other installment or lot and a delivery of non-conforming goods or a default of any nature under one installment or lot will impair the value of the whole agreement and constitutes a total breach of the agreement as a whole.
- C. **On Time Delivery:** Because the City is providing services which involve health, safety and welfare of the general public, delivery time is of the essence. Delivery must be made in accordance with the delivery schedule promised by the Contractor.
- D. **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 Solicitation and/or Performance Bond, or (3) a combination of the aforementioned remedies or other remedies as provided by law.
- E. **Covenant Against Contingent Fees:** Seller warrants that no person or selling agent has been employed or retained to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employers or bona fide established commercial or selling agencies maintained by the seller for the purpose of securing business. For breach or violation of this warranty, the City will have the right to annul the contract without liability or in its discretion to deduct from the contract price a consideration, or otherwise recover the full amount of such commission, brokerage or contingent fee.

- F. **Cost Justification:** In the event only one response is received, the City may require that the Contractor submit a cost proposal in sufficient detail for the City to perform a cost/price analysis to determine if the Offer price is fair and reasonable.
- G. **Work Product, Equipment, and Materials:** All work product, equipment, or materials created or purchased under this contract belongs to the City and must be delivered to the City at City's request upon termination of this contract. Contractor agrees to assign to City all rights and interests Contractor may have in materials prepared under this contract that are "works for hire" within the meaning of the copyright laws of the United States, including any right to derivative use of the material.

#### 4.8. Contract Termination

- A. **Gratuities:** The City may, by written notice to the Contractor, cancel this contract if it is found that gratuities, in the form of entertainment, gifts or otherwise, were offered or given by the Contractor or any agent or representative of the Contractor, to any officer or employee of the City making any determinations with respect to the performing of such contract. In the event this contract is canceled by the City pursuant to this provision, the City will be entitled, in addition to any other rights and remedies, to recover or withhold from the Contractor the amount of the gratuity.
- B. **Conditions and Causes for Termination:**
  - 1. This contract may be terminated at any time by mutual written consent, or by the City, with or without cause, upon giving thirty-day written notice to Contractor. The City at its convenience, by written notice, may terminate this contract, in whole or in part. If this contract is terminated, the City will be liable only for payment under the payment provisions of this contract for services rendered and accepted material received by the City before the effective date of termination. Title to all materials, work-in-process and completed but undeliverable goods, will pass to the City after costs are claimed and allowed. The Seller will submit detailed cost claims in an acceptable manner and will permit the City to examine such books and records as may be necessary in order to verify the reasonableness of any claims.
  - 2. The City reserves the right to cancel the whole or any part of this contract due to failure of Contractor to carry out any term, promise, or condition of the contract. The City will issue a written notice of default to Contractor for acting or failing to act as in any of the following:
    - In the opinion of the City, Contractor provides personnel who do not meet the requirements of the contract;
    - In the opinion of the City, Contractor fails to perform adequately the stipulations, conditions or services/specifications required in this contract;
    - In the opinion of the City, Contractor attempts to impose on the City personnel or materials, products or workmanship, which is of an unacceptable quality;

- Contractor fails to furnish the required service and/or product within the time stipulated in the contract;
- In the opinion of the City, Contractor fails to make progress in the performance of the requirements of the contract and/or gives the City a positive indication that Contractor will not or cannot perform to the requirements of the contract.

C. **Contract Cancellation:** All parties acknowledge that this contract is subject to cancellation by the City of Phoenix pursuant to the provision of Section 38-511, Arizona Revised Statutes.

#### 4.9. Notice

Any notice, consent or other communication (“Notice”) required or permitted under this Agreement will be in writing and either: (1) delivered in person; (2) sent via e-mail, return receipt requested; (3) sent via facsimile transmission; (4) deposited with any commercial air courier or express delivery service; or (5) deposited in the United States mail, postage prepaid.

If to Contractor:

If to City:

#### 4.10. Integration

This Agreement constitutes and embodies the full and complete understanding and agreement of the parties hereto and supersedes all prior understandings, agreements, discussions, proposals, bids, negotiations, communications, and correspondence, whether oral or written. No representation, promise, inducement or statement of intention has been made by any party hereto which is not embodied in this Agreement, and no party will be bound by or liable for any statement of intention not so set forth.

#### 4.11. State and Local Transaction Privilege Taxes

In accordance with applicable state and local law, transaction privilege taxes may be applicable to this transaction. The state and local transaction privilege (sales) tax burden and legal liability to remit taxes are on the Contractor that is conducting business in Arizona and the City of Phoenix. Any failure by the Contractor to collect applicable taxes from the City will not relieve the Contractor from its obligation to remit taxes. It is the responsibility of the prospective bidder to determine any applicable taxes. The City will look at the price or offer submitted and will not deduct, add or alter pricing based on speculation or application of any taxes, nor will the City provide advice or guidance. If you have questions regarding your tax liability, please seek advice from a tax professional prior to submitting your Offer. You may also find information at <https://www.phoenix.gov/finance/plt> or <https://www.azdor.gov/Business>. Once your Offer is submitted, the Offer is valid for the time specified in this Solicitation, regardless of mistake or omission of tax liability. If the City finds over payment of a project due to tax consideration that was not due, the Contractor will be liable to the City for that amount, and by contracting with the City, the Contractor agrees to remit any overpayments back to the City for miscalculations on taxes included in an offer price.

#### 4.12. Tax Indemnification

Contractor will pay all federal, state and local taxes applicable to its operation and any persons employed by the Contractor, and require the same of all subcontractors. Contractor will hold the City harmless from any responsibility for taxes, damages and interest, if applicable, contributions required under federal, and/or state and local laws and regulations and any other costs including transaction privilege taxes, unemployment compensation insurance, Social Security and Worker's Compensation, and require the same of all subcontractors.

#### 4.13. Tax Responsibility Qualification

Contractor may be required to establish, to the satisfaction of City, that any and all fees and taxes due to the City or the State of Arizona for any License or Transaction Privilege taxes, Use Taxes or similar excise taxes, are currently paid (except for matters under legal protest). Contractor agrees to a waiver of the confidentiality provisions contained in the City Finance Code and any similar confidentiality provisions contained in Arizona statutes relative to State Transaction Privilege Taxes or Use Taxes. Contractor agrees to provide written authorization to the City Finance Department and to the Arizona State Department of Revenue to release tax information relative to Arizona Transaction Privilege Taxes or Arizona Use Taxes in order to assist the Department in evaluating Contractor's qualifications for and compliance with contract for duration of the term of contract.

#### 4.14. No Israel Boycott

If this Contract is valued at \$100,000 or more and requires Contractor (a company engaging in for-profit activity and having ten or more full-time employees) to acquire or dispose of services, supplies, information technology, or construction, then Contractor must certify and agree that it does not and will not boycott goods or services from Israel, pursuant to Title 35, Chapter 2, Article 9 of the Arizona Revised Statutes. Provided that these statutory requirements are applicable, Contractor by entering this Contract now certifies that it is not currently engaged in, and agrees for the duration of the Contract to not engage in, a boycott of goods or services from Israel.

#### 4.15. No Forced Labor of Ethnic Uyghurs

If this Contract requires Contractor (a company engaging in for-profit activity and having ten or more full-time employees) to acquire or dispose of services, supplies, information technology, goods, or construction, then pursuant to Title 35, Chapter 2, Article 10 of the Arizona Revised Statutes Contractor must certify and agree that it and any contractors, subcontractors, or suppliers it utilizes do not and will not use the forced labor of ethnic Uyghurs in the People's Republic of China or any goods or services produced by such forced labor. Provided these statutory requirements are applicable, Contractor, by entering this Contract, now certifies it is not currently engaged in, and agrees for the duration of the Contract to not engage in, (a) the use of forced labor of ethnic Uyghurs in the People's Republic of China; (b) the use of any goods or services produced by the forced labor of ethnic Uyghurs in the People's Republic of China; or (c) the use of 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.



#### 4.16. Advertising

Except as required by law, Contractor shall not publish, release, disclose or announce to any member of the public, press, official body, or any other third party any information or documents concerning this Agreement or any part thereof without the prior written consent of the City. The name of any City site on which services are performed by the Contractor pursuant to this Agreement shall not be used in any advertising or other promotional context by Contractor without the prior written consent of the City.

#### 4.17. Strict Performance

Failure of either party to insist upon the strict performance of any item or condition of the contract or to exercise or delay the exercise of any right or remedy provided in the contract, or by law, or the acceptance of materials or services, obligations imposed by this contract, or by law, will not be deemed a waiver of any right of either party to insist upon the strict performance of the contract.

#### 4.18. Authorized Changes

The City reserves the right at any time to make changes in any one or more of the following: (a) specifications; (b) methods of shipment or packing; (c) place of delivery; (d) time of delivery; and/or (e) quantities. If the 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 will be deemed waived unless asserted in writing within sixty days from the receipt of the change. Price increases or extensions of delivery time will not be binding on the City unless evidenced in writing and approved by the Chief Procurement Officer prior to the institution of the change.

#### 4.19. Contractor Requirements for the Mitigation of Heat-Related Illnesses and Injuries in the Workplace

Any contractor whose employees and contract workers perform work in an outdoor environment under this contract must keep on file a written heat safety plan. The city may request a copy of this plan and documentation of all heat safety and mitigation efforts currently implemented to prevent heat-related illnesses and injuries in the workplace. The plan must also be posted where it is accessible to employees. At a minimum, the heat safety and mitigation plan and documentation required under this provision shall include each of the following as it relates to heat safety and mitigation:

- A. Availability of sanitized cool drinking water free of charge at locations that are accessible to all employees and contract workers.
- B. Ability to take regular and necessary breaks as needed and additional breaks for hydration.
- C. Access to shaded areas and/or air conditioning.
- D. Access to air conditioning in vehicles with enclosed cabs. All such vehicles must contain functioning air conditioning by no later than May 1, 2025.

- E. Effective acclimatization practices to promote the physiological adaptations of employees or contract workers newly assigned or reassigned to work in an outside environment.
- F. Conduct training and make it available and understandable to all employees and contract workers on heat illness and injury that focuses on the environmental and personal risk factors, prevention, how to recognize and report signs and symptoms of heat illness and injury, how to administer appropriate first aid measures and how to report heat illness and injury to emergency medical personnel.

The contractor further agrees that this clause will be incorporated in all subcontracts with subcontractors, sublicensees or sublessees who may perform labor or services in connection with this contract. Additionally, the contractor agrees to require all subcontractors, sublicensees or sublessees to include this clause in all contracts with any third party who is contracted to perform labor or services in connection with this contract. It is the obligation of the contractor to ensure compliance by its subcontractors.

## 5. Special Terms and Conditions

### 5.1. Term of Contract

The term of this Contract will commence on or about July 1, 2025 and will continue for a period of **three (3) years** thereafter. This Contract includes **four (4) one-year options** to extend the term, for an aggregate **seven (7) years**, which may be exercised by the sole discretion of the City.

### 5.2. Free on Board (FOB)

Prices quoted shall be FOB destination and delivered, as required, to the points listed in Exhibit 5.

### 5.3. Price

All prices submitted shall be firm and fixed for the initial one-year of the contract. Thereafter, price increases will be considered annually provided the adjustments are submitted in writing with 60 days' notice to the Procurement Officer. Price increase requests shall be accompanied with written documentation to support the increase, such as a letter from the manufacturer, published price index, applicable change in law, etc. Price decrease requests do not require supporting documentation and are allowed at any time during the contract term.

The City will be the sole judge in determining the allowable increase amount. Price increases agreed to by any staff other than the Chief Procurement Officer are invalid. The Contractor acknowledges and agrees to repay all monies paid because of a requested price increase unless the increase was specifically approved, in writing, by the Chief Procurement Officer.

### 5.4. Method of Ordering

Contractor shall deliver items and/or services only upon receipt of a written purchase order. All Contractor invoices and packing/delivery tickets must include the City of Phoenix purchase order number.

### 5.5. Method of Invoicing

Invoice must be emailed in .pdf format to [invoices@phoenix.gov](mailto:invoices@phoenix.gov) and must include the following:

- City purchase order number or shopping cart number
- Items listed individually by the written description and part number
- Unit price, extended and totaled
- Quantity ordered, back ordered, and shipped
- Applicable tax
- Invoice number and date
- Delivery address
- Payment terms

- FOB terms
- Remit to address

## 5.6. Method of Payment

Payment to be made from Contractor's invoice and a copy of the signed delivery/service ticket submitted to cover items received and accepted during the billing period.

## 5.7. Partial Payments

Partial payments are not authorized on individual purchase orders. Payment will be made upon final delivery and acceptance of all goods and services on the purchase order.

## 5.8. Supplier Profile Changes

It is the responsibility of the Contractor to promptly update their profile in procurePHX at <https://www.phoenix.gov/procure>. If Contractor's legal identify has changed, the Procurement Officer must be notified immediately. Failure to do so may result in non-payment of invoices and contract termination.

## 5.9. Suspensions of Work

The City reserves the right to suspend work wholly or in part if deemed necessary for the best interest of the City. This suspension will be without compensation to the Contractor, other than to adjust the contract completion/delivery requirements.

## 5.10. Hours of Work

All work under this contract shall be coordinated with the City's authorized Department representative. Any changes to the established schedule must have prior written approval by the City's authorized Department representative.

## 5.11. Post Award Conference

A post-award conference will be held prior to commencement of any work on the project. The purpose of this conference is to discuss critical elements of the work schedule and operational problems and procedures.

## 5.12. Performance Interference

Contractor shall notify the City's authorized Department representative immediately of any occurrence and/or condition that interferes with the full performance of the contract and confirm it in writing within 24 hours.

## 5.13. Cooperative Agreement

In addition to the City and with approval of the Contractor, this contract may be extended for use by other municipalities and government agencies in the State of Arizona.

#### 5.14. Exclusive Possession

All services, information, computer program elements, reports, and other deliverables which may be created under this contract are the sole property of the City of Phoenix and will not be used by the Contractor or any other person except with prior written permission by the City.

#### 5.15. Licenses and Permits

Contractor will keep current Federal, State, and local licenses and permits required for the operation of the business conducted by the Contractor as applicable to this contract.

#### 5.16. Delivery

All deliveries shall be made between the hours of 6:00 a.m. and 4:30 p.m., local time, Monday through Friday, excluding City holidays. City holiday calendar:

<https://www.phoenix.gov/calendar/holidays>

#### 5.17. Delivery / Service Ticket

Contractor shall provide a packing list or service ticket for items delivered to the City or services provided to the City. Tickets should include the following and a legible copy shall be provided to the City:

- Date
- City purchase order number
- Written description of services which were provided
- Itemized list of materials which were delivered, including quantity
- A unique identification number and Contractor name
- Signature of City employee who accepted for the materials/services

#### 5.18. Miscellaneous Fees

Additional charges for fuel surcharges, delivery charges, dealer prep, environmental fees, waste disposal, shop supplies, set-up, freight and/or shipping and handling, etc. will not be paid. These costs must be incorporated in the pricing provided.

Labor rates (Shop and On-site) shall be charged as a flat hourly rate and are allowed only in performance of services under this agreement. Travel hours and other incidental fees will not be permitted under this agreement. Labor hours will be from “check-in” to “check-out” at the worksite.

#### 5.19. Liquidated Damages

If the Contractor fails to deliver the supplies or perform the services within the time specified in its contract, or any extension thereof, the actual damages to the City for the delay will be difficult or impossible to determine. Therefore, in lieu of actual damages, the Contractor shall pay to the City as fixed, agreed and liquidated damages for each calendar day of the delay, the amount of \$1,000.00. The City may terminate this contract in whole or in part as provided in the “Default” provision. In that event, the Contractor shall be liable for such liquidated damages accruing until

the City may reasonably obtain delivery or performance of similar supplies and services. The Contractor shall not be charged with liquidated damages when the delay arises out of causes beyond its control and without fault or negligence, as determined by the City. The Chief Procurement Officer will be the sole judge in determining the liquidated damages.

## 5.20. Equipment Installation

All equipment shall be completely assembled and installed by the Contractor and ready for use on the City's property points listed in Exhibit 5.

## 5.21. Industry Standards

It is intended that the manufacturer in the selection of components will use material and design practices that are the best available in the industry for the type of operating conditions to which the item will be subjected. Component parts shall be selected to give maximum performance, service life and safety and not merely meet the minimum requirements of this specification. All parts, equipment and accessories shall conform in strength, quality of material and workmanship to recognized industry standards.

The term "heavy duty" if used in these specifications shall mean that the item to which the term is applied shall exceed the usual quantity, quality, or capacity supplied with standard production items and it shall be able to withstand unusual straining, exposure, temperature, wear and use.

The City reserves the right to waive minor variations if, in the opinion of the City's authorized Department representative, the basic unit meets the general intent of these specifications.

The product offered shall not include a major component that is of a prototype nature or has not been in production for a sufficient length of time to demonstrate reliability.

If the specifications stated herein for component items do not comply with legal requirements, the Contractor shall so notify the City prior to the offer opening due date.

## 5.22. Inspection and Acceptance

Each product delivered shall be subject to complete inspection by the City prior to acceptance. Inspection criteria shall include, but not be limited to, conformity to the specifications, mechanical integrity, quality, workmanship and materials. Ten business days will be allowed for this process. If delivered items are unacceptable and returned to the Contractor prior to acceptance, an additional five business days will be allowed for inspection when subsequent delivery occurs. It shall be the Contractor's responsibility to pick up unacceptable products, correct the deficiencies, and return the product following the corrections.

## 5.23. Inventory Levels

Contractor's inventory levels of the items may be a factor in the City's award decision. Contractor will be required to maintain sufficient local inventory to provide daily support of the City's requirement. Failure to supply sufficient support may result in cancellation of the contract.

## 5.24. Manuals

All complete operating manuals and parts manuals are to be furnished upon delivery at no additional cost to the City. Manuals and other materials shall show all specifications and mechanical troubleshooting in paper and electronic media.

## 5.25. New Equipment

All items offered shall be new equipment supplied from the manufacturer. Offers for remanufactured/refurbished equipment will be considered as non-responsive and rejected.

## 5.26. Product Discontinuance

The City may award contracts for products and/or models of equipment because of this solicitation. If a product or model is discontinued by the manufacturer, the City, in its sole discretion, may allow the Contractor to provide a substitute for the discontinued item. Contractor shall request permission to substitute a new product or model and will provide the following:

- A formal announcement from the manufacturer that the product or model has been discontinued.
- Documentation from the manufacturer that names the replacement product or model.
- Documentation that provides clear and convincing evidence that the replacement meets or exceeds all specifications required by the original solicitation.
- Documentation that provides clear and convincing evidence that the replacement will be compatible with all functions or uses of the discontinued product or model.
- Documentation from the manufacturer confirming that the price for the replacement item will be the same as the discontinued item.
- The Chief Procurement Officer will be the sole judge in determining the allowable substitute, new product or model change for discontinued item.

## 5.27. Removal and Trade-In of Equipment

Trade-in equipment offered in this solicitation will be as-is, where-is with no warranty either expressed or implied as to current condition. All costs, labor, and equipment required for the removal will be the responsibility of the Contractor.

## 5.28. Repair and Replacement Parts Guarantee

Following the expiration of any express or implied warranty applicable to those goods, furnished to the City under this contract, Contractor agrees to supply the City (as well as its agents, representatives, Contractors, and hires) with in-stock repair and replacement parts carrying a full manufacturer's warranty at a cost that shall not exceed the cost it would charge if it were contracted to service or install those repair and replacement parts.

## 5.29. Replacement Parts Availability

A response to this solicitation shall constitute a guarantee by the Contractor that a stock of replacement parts for the specified equipment is locally available. Captive parts must be available within 48 hours following the placement of an order. Contractor shall provide parts delivery, to include deliveries on Saturday. If special handling and/or freight are required, the Contractor will assume all charges.

### 5.30. Substitution of Specified Items

Whenever in the specifications any item or process is requested or identified by manufacturer name, proprietary name, or patent such specifications shall be used to facilitate descriptions of the item or process and shall be followed by the words “or equal”. The Contractor may offer any item or process that is equal in every respect. However, if the item or process delivered is not, in the opinion of the City of Phoenix, equal in every respect to the specifications, then the Contractor must furnish the item or material that is equal, in the opinion of the City.

### 5.31. Communication in English

It is mandatory that the Contractor’s lead person assigned to any City facility can speak, read, and write in English to effectively communicate with City staff.

### 5.32. Contractor Assignments

The Contractor hereby agrees that any of its employees who may be assigned to a City site to satisfy obligations under this contract shall be used exclusively for that purpose during the hours when they are working in areas covered by this contract and shall perform no work at other City facilities. If other services, in addition to or separate from, the services specified herein, may be deemed necessary by the Chief Procurement Officer or his authorized representative, the Contractor may be requested to perform the additional or special service.

### 5.33. Final Inspection and Approval

The Contractor will request the City’s authorized Department representative to conduct a site inspection after the project is complete. City’s authorized Department representative will prepare a “punch-list” during the inspection and will forward a copy to the Contractor.

After the “punch-list” items have been corrected, the Contractor will request a final inspection with the authorized Department representative. Final project approval is contingent upon the City authorized Department representative’s final inspection and written approval.

### 5.34. Pre-Construction Conference

A pre-construction conference will be held by the City’s authorized Department representative prior to commencement of any work on the project. The purpose of this conference is to discuss critical elements of the work schedule and operational problems and procedures.

### 5.35. Specifications

The specifications and/or drawings associated with this project are intended to generally describe a complete installation. Any additional materials or labor required for the complete project as intended shall be provided by the Contractor, even if it has not been detailed in this document.

### 5.36. Transition of Contract

Contractor will, without limitation, provide important information to a successor Contractor and the City to ensure continuity of service at the required level of proficiency and agrees to provide to the City all files, supplies, data, records, and any other properties or materials of the City, which the City owns or has rights to pursuant to this contract and which are in the possession of



Contractor. The provisions of this section will survive the expiration or termination of this contract.

### **5.37. Types of Work Supervision**

The Contractor shall provide onsite supervision and appropriate training to assure competent performance of the work. Contractor or authorized agent will make sufficient daily routine inspections to ensure the work is performed as required by this contract.

### **5.38. Background Screening**

Contractor agrees that all Contractor and subcontractors' workers (collectively "Contract Worker(s)") pursuant to this Agreement will be subject to background and security checks and screening (collectively "Background Screening") at Contractor's sole cost and expense, unless otherwise provided for in the scope of work. Contractor's background screening will comply with all applicable laws, rules and regulations. Contractor further agrees that the background screening is necessary to preserve and protect the public health, safety and welfare. The City requires a completed Contract Worker Badge/Key/Intrusion Detection Responsibilities Agreement for each Contract Worker who requires a badge or key.

### **5.39. Background Screening Risk Level**

The City has established two levels of risk: Standard and Maximum risk. If the scope of work changes, the City may amend the level of risk, which could require the Contractor to incur additional contract costs to obtain background screens or badges.

### **5.40. Terms of This Section Applicable to all Contractor's Contracts and Subcontracts**

Contractor will include Contract Worker background screening in all contracts and subcontracts for services furnished under this agreement.

### **5.41. Materiality of Background Screening Requirements; Indemnity**

The background screening requirements are material to City's entry into this agreement and any breach of these provisions will be deemed a material breach of this contract. In addition to the indemnity provisions set forth in this agreement, Contractor will defend, indemnify and hold harmless the City for all claims arising out of this background screening section including, but not limited to, the disqualifications of a Contract Worker by Contractor. The background screening requirements are the minimum requirements for the Agreement. The City in no way warrants that these minimum requirements are sufficient to protect Contractor from any liabilities that may arise out of the Contractor's services under this Agreement or Contractor's failure to comply with this section. Therefore, Contractor and its Contract Workers will take any reasonable, prudent and necessary measures to preserve and protect public health, safety and welfare when providing services under this Agreement.

### **5.42. Continuing Duty; Audit**

Contractor's obligations and requirements will continue throughout the entire term of this Agreement. Contractor will maintain all records and documents related to all background screenings and the City reserves the right to audit Contractor's records.

### 5.43. Variances and Exemptions

Contract Workers who fall under the following areas may be considered exempt from this policy:

- Federal Homeland Defense Bureau.
- Transportation Security Administration.
- Federal Aviation Administration.
- Department of Public Safety (DPS) Administration – presenting a current Level One Department of Public Safety fingerprint card.
- Arizona or other State Bars.
- Other background checks performed within the last three to five years may be approved if they fit all required criteria herein, at the City's discretion.

### 5.44. Contractor's Default; Liquidated Damages; Reservation of Remedies for Material Breach

If Contractor is required to access any City facilities without an escort, City badging is required. Contractor's default under this section will include, but is not limited to, the following:

- Contract Worker gains access to a City facility(s) without the proper badge or key;
- Contract Worker uses a badge or key of another to gain access to a City facility;
- Contract Worker commences services under this agreement without the proper badge, key or background screening;
- Contract Worker or Contractor submits false information or negligently submits wrong information to the City to obtain a badge, key or applicable background screening; or
- Contractor fails to collect and timely return Contract Worker's badge or key upon termination of Contract Worker's employment, reassignment of Contract Worker to another City facility or upon the expiration, cancellation or termination of this Agreement.
- Contractor acknowledges and agrees that the access control, badge and key requirements in this section are necessary to preserve and protect the public health, safety and welfare. Accordingly, Contractor agrees to properly cure any default under this section within three business days (excluding weekends and City holidays) from the date notice of default is sent by the City. The parties agree that Contractor's failure to properly cure any default under this section will constitute a breach of this section. In addition to any other remedy available to the City at law or in equity, the Contractor will be liable for and pay to the City the sum of \$1,000.00 for each breach by Contractor in this section. The parties further agree that the sum fixed above is reasonable and approximates the actual or anticipated loss to the City at the time and making of this agreement if Contractor breaches this section. Further, the parties expressly acknowledge and agree to the fixed sum set forth above because of the difficulty of

proving the City's actual damages if Contractor breaches this section. The parties further agree that three breaches by Contractor in this section arising out of any default within a consecutive period of three months or three breaches by Contractor in this section arising out of the same default within a period of 12 consecutive months will constitute a material breach of this agreement by Contractor and the City expressly reserves all of its rights, remedies and interests under this agreement, at law and in equity including, but not limited to, termination of this agreement.

#### **5.45. Employee Identification and Access**

Contract Workers are forbidden access to designated restricted areas. Access to each building will be as directed by the authorized Phoenix authorized representative. Contract Workers are not authorized access other than during scheduled hours. Access to the building will be directed by the City's authorized representative.

Only authorized Contract Workers are allowed on the premises of the City facilities/buildings. Contract Workers are not to be accompanied in the work area by acquaintances, family members, assistants or any other person unless said person is an authorized Contract Worker.

Unless otherwise provided for in the scope of work:

- Contract Workers must always have city issued badges and some form of verifiable company identification (badge, uniform, employee id).
- Contractor will supply a list of the names and titles of all employees requiring access to the buildings. It is the Contractor's responsibility to provide updates and changes of personnel as necessary.

#### **5.46. Key Access Procedures**

If the Contractor Worker's services require keyed access to enter a City facility(ies), a separate key issue/return form must be completed and submitted by the Contractor for each key issued. Contractor must submit the completed key issue/return form to the appropriate badging office.

#### **5.47. Stolen or Lost Badges or Keys**

Contractor must immediately report lost or stolen badges or keys to the City's appropriate badging office. If the badge/key was stolen, Contract Worker's must report the theft to their local police department. Prior to issuance of a new badge or key, a new badge application or key issue form must be completed, submittal of a police department report for stolen badges, and applicable payment of the fee(s) listed herein.

#### **5.48. Return of Badge or Key**

All badges and keys are the property of the City and must be returned to the City at the badging office within one business day (excluding weekends and City holidays) of when the Contract Worker's access to a City facility is no longer required to furnish the services under this agreement. Contractor will collect a Contract Worker's badge and key(s) upon the termination of the Contract Worker's employment; when the Contractor Worker's services are no longer required at a City facility(s); or upon termination, cancellation or expiration of this agreement.

## 5.49. Badge and Key Fees

The following constitute the badge and key fees under this agreement, which shall be paid for at the Contractor's sole cost and expense, unless otherwise provided for in the scope of work. The City reserves the right to amend these fees upon a 30-day prior written notice to Contractor.

Initial Badge Fee: \$55.00 per application

Replacement Badge Fee: \$55.00 per badge

Lost/Stolen Badge Fee: \$55.00 per badge

Replacement Key Fee: \$55.00 per key

Replacement Locks: \$55.00 per lock

## 5.50. Background Screening – Maximum Risk

- A. **Determined Risk Level:** The current risk level and background screening required is MAXIMUM RISK.
- B. **Maximum Risk Level:** A maximum risk background screening will be performed every **five** years when the Contract Worker's work assignment will:
1. work directly with vulnerable adults or children, (under age 18); or
  2. any responsibility for the receipt of payment of City funds or control of inventories, assets, or records that are at risk of misappropriation; or
  3. unescorted access to:
    - a. City data centers, money rooms, high-value equipment rooms; or
    - b. unescorted access to private residences; or
    - c. access to critical infrastructure sites/facilities; or
    - d. direct or remote access to Criminal Justice Information Systems (CJIS) infrastructure.
- C. **Requirements:** The background screening for maximum risk level will include a background check for real identity/legal name and will include felony and misdemeanor records from any county in the United States, the State of Arizona, plus any other jurisdiction where the Contractor worker has lived at any time in the preceding seven years from the Contract Worker's proposed date of hire. In addition, Maximum screening levels may require additional checks as included herein, depending on the scope of work, and may be amended if the scope of work changes.

## 5.51. Additional Maximum Risk Background Checks

Maximum screening will additionally require:

- Credit Check (for cash handling, accounting, and compliance positions only)

- Driving records (for driving positions only)
- Fingerprint verification (when Contract Worker is working directly with children or vulnerable adults or scope takes the individual to a City location with Criminal Justice Information System (CJIS) access.)

## 5.52. Contractor Certification; City Approval of Maximum Risk Background Screening

Unless otherwise provided for in the Scope of Work, Contractor will be responsible for:

- A. determining whether Contract Worker(s) are disqualified from performing work for the City for maximum risk level background checks; and,
- B. submitting pass/fail results to the City for approval; and,
- C. reviewing the results of the background check every three to five years, dependent on scope; and,
- D. to engage in whatever due diligence is necessary to make the decision on whether to disqualify a Contract Worker; and,
- E. Submitting the list of qualified Contract Workers to the contracting department; and,
- F. If, upon review of the background information, the City will advise the Contractor if it believes a Contract Worker should be disqualified. The Contractor will evaluate the Contract Worker and if the Contractor believes that there are extenuating circumstances that suggest that the person should not be disqualified, the Contractor will discuss those circumstances with the contracting department. The contracting department decision on disqualification of a Contract Worker is final.
- G. For sole proprietors, the Contractor must comply with the background check for himself and any business partners, or members or employees who will assist on the contract and for whom the requirements of the Agreement apply.
- H. By executing this agreement, Contractor certifies and warrants that Contractor has read the background screening requirements and criteria in this section, and that all background screening information furnished to the City is accurate and current.
- I. The City final documented decision will be an “approve” or “deny” for identified Contract Workers.
- J. The City will not keep records related to background checks once they are confirmed. Information to verify the results will be returned to the Contractor, or any contracted agency that assists with review, after the City’s completed review.
- K. By executing this agreement, Contractor further certifies and warrants that Contractor has satisfied all such background screening requirements for the maximum risk background screening, and verified legal worker status, as required.

- L. Contract Workers will not apply for the appropriate City of Phoenix identification and access badge or keys until Contractor has received the City's written acceptance of Contract Worker's maximum risk background screening. The City may, in its sole discretion, accept or reject any or all the Contract Workers proposed by Contractor for performing work under this Agreement. A Contract Worker rejected for work at a maximum risk level under this agreement will not be proposed to perform work under other city contracts or engagements without city's prior written approval.
- M. The Contractor will submit prior to scheduling any services, a current list of names, addresses, and social security numbers of all employees requiring access to the facility. The Contractor is responsible for obtaining security clearance from the Police Department for all employees. The City reserves the right to change the restricted areas as needed. The Contractor grants the rights to the Police Department to conduct background checks of all employees entering the building. All employees will submit to the background check before access to the facility is given.
- N. The background checks will be conducted prior to any employee entering to work and will be based upon information provided to the Police Department including, but not limited to: name, address, date and place of birth, social security number, INS number if applicable, and a copy of a valid photo identification. The information will be provided to the City's authorized Department representative at least five business days (excluding weekends and holidays) in advance of the need for access. The form will be provided by the City's authorized Department representative. The City's authorized Department representative will conduct the security check.
- O. The City may, at any time, in its sole discretion, refuse to allow an employee access to an area for any of the following reasons, but not limited to:
  - 1. Conviction of a felony.
  - 2. Conviction of a misdemeanor (not including traffic or parking violation).
  - 3. Any outstanding warrants (including traffic and parking violations).
  - 4. A person currently on parole or probation.
  - 5. A person currently involved in an investigation.

### 5.53. Air Pollution Emergency Proclamation

The City requires Contractors to provide information with their submittal, to the extent practicable, the amount of reactive organic compounds in their products. The City requires Contractors to also identify any products with special storage requirements or special hazards such as, reactive, temperature, or shock sensitive, dangerous when wet or with other unusual hazards.

Contractor should advise the Procurement Officer of any substitute products which contain either no reactive organic compounds or an amount less than that contained in the product(s)

specified in this solicitation. This notification should be provided at least ten days prior to the solicitation due date.

#### 5.54. Confined Space Structure Entry

Services performed under this agreement may require Contractor personnel to enter confined spaces. Contractor will be required to furnish equipment for confined space entry and must comply with OSHA regulation 1910.146 or most recent regulation. Contractor shall provide all necessary personnel, supplies, and equipment to satisfy the confined space entry program including, but not limited to, designated rescue personnel, appropriate fall protection supplies, atmospheric monitors and retrieval systems.

Contractor shall have a written Confined Space Entry Program that meets all Federal, State and local regulations and will be required to submit a copy of this program to the City for review and acceptance. The City reserves the right to modify the Contractor's Confined Space Entry Program where it is determined to be in the best interest of the City. Contractor will be required to fully comply with the final approved Confined Space Entry Program while performing work at all City locations.

Contractor's supervisory personnel shall have successfully completed an accredited Confined Space Entry Training Program and a 40-hour HAZWOPER Training Program. Certifications or Certificates of Completion must be current.

#### 5.55. Energy Star

All products provided in response to this solicitation shall be certified by the U.S. Department of Energy or the U.S. EPA as Energy Star or are certified under the Federal Energy Management Program and in all categories identified at [energystar.gov](http://energystar.gov).

#### 5.56. Equipment / Safety

The Contractor shall be responsible for providing and for the placement of barricades, tarps, plastic, flag tape, and other safety traffic control equipment required to protect its employees, the public, surrounding areas, equipment and vehicles. The flow of vehicular traffic shall not be impeded at any time during this project. The safety of the Contractor's employees and the public is of prime concern to the City and the Contractor must take all necessary steps to assure proper safety during the performance of the Contractor.

## **6. Defense and Indemnification**

### **6.1. Standard General Defense and Indemnification**

Contractor ("Indemnitor") must defend, indemnify, and hold harmless the City of Phoenix and its officers, officials (elected or appointed), agents, and employees ("Indemnitee") from and against any and all claims, actions, liabilities, damages, losses or expenses (including but not limited to court costs, attorney fees, expert fees, and costs of claim processing, investigation and litigation) of any nature or kind whatsoever ("Losses") caused, or alleged to be caused, in whole or in part, by the wrongful, negligent or willful acts, or errors or omissions of Indemnitor or any of its owners, officers, directors, members, managers, agents, employees or subcontractors ("Indemnitor's Agents") arising out of or in connection with this Contract. This defense and indemnity obligation includes holding Indemnitee harmless for any Losses arising out of or recovered under any state's Workers' Compensation Law or arising out of the failure of Indemnitor or Indemnitor's Agents to conform to any federal, state or local law, statute, ordinance, rule, regulation or court decree. Indemnitor's duty to defend Indemnitee accrues immediately at the time a claim is threatened or a claim is made against Indemnitee, whichever is first. Indemnitor's duty to defend exists regardless of whether Indemnitor is ultimately found liable. Indemnitor must indemnify Indemnitee from and against any and all Losses, except where it is proven that those Losses are solely a result of Indemnitee's own negligent or willful acts or omissions. Indemnitor will be responsible for primary loss investigation, defense and judgment costs where this indemnification applies. In consideration of the award of this Contract, Indemnitor waives all rights of subrogation against Indemnitee for losses arising from the work performed by Indemnitor or Indemnitor's Agents for the City of Phoenix. The obligations of Indemnitor under this provision survive the termination or expiration of this Contract.



## 7. Insurance Requirements

### 7.1. Vendor's Insurance

Vendor must procure insurance against claims that may arise from or relate to performance of the work hereunder by Vendor and its agents, representatives, employees and subcontractors. Vendor and subcontractors must maintain that insurance until all their obligations have been discharged, including any warranty periods under this Contract.

The City in no way warrants that the limits stated in this section are sufficient to protect the Vendor from liabilities that might arise out of the performance of the work under this Contract by the Vendor, its agents, representatives, employees or subcontractors and Vendor may purchase additional insurance as they determine necessary.

### 7.2. Scope and Limits of Insurance

Vendor must provide coverage with limits of liability not less than those stated below. An excess liability policy or umbrella liability policy may be used to meet the liability limits provided that (1) the coverage is written on a "following form" basis, and (2) all terms under each line of coverage below are met.

### 7.3. Commercial General Liability – Occurrence Form

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

- The Vendor's insurance coverage must be primary and non-contributory with respect to any insurance or self-insurance carried by the City.

### 7.4. Automobile Liability

Bodily Injury and Property Damage coverage for any owned, hired, and non-owned vehicles used in the performance of this Contract.

Combined Single Limit (CSL) \$1,000,000

### 7.5. Worker's Compensation and Employers' Liability

Workers' Compensation Statutory  
Employers' Liability:  
Each Accident \$100,000  
Disease – Each Employee \$100,000  
Disease – Policy Limit \$500,000

- Policy must contain a waiver of subrogation against the City of Phoenix.
- This requirement does not apply when a Vendor is exempt under A.R.S. §23-902(E), **AND** when such Vendor executes the appropriate sole proprietor waiver form.

## 7.6. Notice of Cancellation

For each insurance policy required by the insurance provisions of this Contract, the Vendor must provide to the City, within 5 business days of receipt, a notice if a policy is suspended, voided or cancelled for any reason. Such notice must be mailed, emailed, or hand delivered City of Phoenix, Water Services Department, Procurement Section, 200 W. Washington Street, 9th Floor, Phoenix, AZ 85003 or at [wsdprocurement@phoenix.gov](mailto:wsdprocurement@phoenix.gov).

## 7.7. Acceptability of Insurers

Insurance is to be placed with insurers duly licensed or authorized to do business in the state of Arizona and with an "A.M. Best" rating of not less than B+ VI. The City in no way warrants that the required minimum insurer rating is sufficient to protect the Vendor from potential insurer insolvency.

## 7.8. Verification of Coverage

Vendor must furnish the City with certificates of insurance (ACORD form or equivalent approved by the City) as required by this Contract. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf.

All certificates and any required endorsements are to be received and approved by the City before work commences. Each insurance policy required by this Contract must be in effect at or prior to commencement of work under this Contract and remain in effect for the duration of the project. Failure to maintain the insurance policies as required by this Contract or to provide evidence of renewal is a material breach of contract.

All certificates required by this Contract must be sent directly to City of Phoenix, Water Services Department, Procurement Section, 200 W. Washington Street, 9th Floor, Phoenix, AZ 85003 or at [wsdprocurement@phoenix.gov](mailto:wsdprocurement@phoenix.gov). The City project/contract number and project description must be noted on the certificate of insurance. The City reserves the right to review complete copies of all insurance policies required by this Contract at any time. **DO NOT SEND CERTIFICATES OF INSURANCE TO THE CITY'S RISK MANAGEMENT DIVISION.**

## 7.9. Approval

Any modification or variation from the insurance coverages and conditions in this Contract must be documented by an executed contract amendment.

## 8. Submittals

### 8.1. Copies

Please submit one electronic copy (email) of the Submittal Section and all other required documentation. Please do not lock the electronic copy with password protection so that the City may digitally incorporate the successful offer into the awarded contract.

**Please submit only the Submittal Section, do not submit a copy of the entire solicitation document.** This Offer will remain in effect for a period of 180 calendar days from the opening date, and is irrevocable unless it is in the City's best interest to release offer(s).

### 8.2. Solicitation Response Check List

Use this check list as a tool to review your submission to ensure that all required documents and forms are included.

The written offer should be:

- Typewritten for ease of evaluation
- Signed by an authorized representative of the Offeror
- Submitted with contact information for the individual(s) authorized to negotiate with the City
- A. Offeror's Proposal - A detailed proposal describing the firm or individual's qualifications and experience responsive to the requirements of the solicitation and evaluation criteria.
- B. Pricing Proposal - A completed pricing proposal with all requested prices, quantities, and/or discounts completed. Attachment A – Pricing Proposal Template must be submitted as an electronic document.
- C. Documentation demonstrating how the Offeror meets the Pre-Award Qualifications outlined in section 2.15.
- D. Submittal Forms - All submittal forms are completed and signed.
- E. A copy of the Offeror's completed W-9 form.
- F. Addenda - Signed copies of all published addenda.

Offers must be in possession of the Department on or prior to the exact time and date indicated in the Schedule of Events. Late offers will not be considered. Electronic submission is preferred. Due to file size limitations for electronic transmission, offers sent by email may need to be sent in parts with multiple emails. It is the responsibility of the Offeror to ensure that the offer is received timely and that there are no technical reasons for delay. Please refer to the Instructions Section for complete information regarding the submission of offers.



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## EXHIBIT 2 - COOLING PREVENTATIVE MAINTENANCE CHECKLIST

### COOLING PREVENTATIVE MAINTENANCE CHECKLIST

<b>TECHNICIAN NAME:</b>		<b>DATE:</b>		<b>UNIT #</b>		
<b>LOCATION OF UNIT:</b>		<b>TYPE OF UNIT:</b>		<b>MANUFACTURER:</b>		
		<b>SPLIT/PKG</b>	<b>GAS/HP</b>			
<b>MODEL #:</b>		<b>MFG DATE:</b>		<b>SERIAL #:</b>		
<b>FILTERS: CLEAN / DIRTY</b>		<b>SIZE:</b>		<b>QUANTITY:</b>		
<b>DATE ON FILTERS:</b>						
<b>INSPECTION CHECKLIST: <i>Place check marks next to items after inspected</i></b>						
<b>FAN MOTOR SECTIONS</b>			<b>ELECTRICAL</b>			
PSC or ECM Motor			Inspect and tighten electrical connections			
Fan Motor Bearings			Inspect for loose wires			
Motor and Blade Balanced			Contactors: Replace as needed			
Blower wheel clear of debris			Check all electrical components			
Lubricate if needed			Check all Capacitors			
Inspect Pulley: Replace if required			Inspect Electrical Disconnect (If Bad, submit a W.O)			
Replace Belts Browning or Gates						
DD / Belt Size _____ Qty _____						
<b>COIL SECTIONS: INDOOR AND OUTDOOR</b>			<b>COMPRESSOR</b>			
Inspect			Check Amp Draw			
Clean as needed			Check Run Cap			
Visually inspect for leaks			Check for Vibrations/noises			
Look for lines & cap tubes rubbing			Check for Refrigerant Leaks			
Inspect, Clean Trap, Pan, Drain			<b>Refrigerant Type</b> _____ <b>Qty</b> _____			
<b>MISC</b>						
Panels Secured			<b>Rate Condition of Equipment: Good / Fair / Bad</b>			
<b>AIR TEMPERATURE (SPLIT)</b>		<b>SUPPLY TEMP</b>			<b>RETURN TEMP</b>	
<b>* ONLY CHECK CHARGE IF CONDITIONS WARRANT CHECKING*</b>						
	<b>RATED AMPS</b>	<b>ACTUAL AMPS</b>	<b>SUCTION PRESSURE</b>	<b>DISCHARGE PRESSURE</b>	<b>SUPERHEAT</b>	<b>SUBCOOLING</b>
COMPRESSOR						
OUTDOOR FAN						
INDOOR FAN						
<b>COMMENTS:</b>						

### EXHIBIT 3 - HEATING PREVENTATIVE MAINTENANCE CHECKLIST

#### HEATING PREVENTATIVE MAINTENANCE CHECKLIST

<b>TECHNICIAN NAME:</b>	<b>DATE:</b>		<b>UNIT #</b>
<b>LOCATION OF UNIT:</b>	<b>TYPE OF UNIT:</b>		<b>MANUFACTURER:</b>
	<b>SPLIT/PKG</b>	<b>GAS/HP</b>	
<b>MODEL #:</b>	<b>MFG DATE:</b>		<b>SERIAL #:</b>
<b>FILTERS: CLEAN / DIRTY</b>	<b>SIZE:</b>		<b>QUANTITY:</b>
<b>DATE ON FILTERS:</b>			
<b>INSPECTION CHECKLIST: <i>Place check marks next to items after inspected</i></b>			
<b>FAN MOTOR SECTIONS</b>	<b>ELECTRICAL</b>		
PSC or ECM Motor	Inspect and tighten electrical connections		
Fan Motor Bearings	Inspect for loose wires		
Motor and Blade Balanced	Contactors: Replace as needed		
Blower wheel clear of debris	Check all electrical components		
Lubricate if needed	Check all Capacitors		
Inspect Pulley: Replace if required	Inspect Electrical Disconnect (If Bad, submit a W.O)		
Replace Belts Browning or Gates			
Belt Size _____ Qty _____			
<b>FURNACE</b>	<b>HEAT PUMP COMPRESSOR</b>		
Inspect for gas leaks	Check Amp Draw		
Inspect ignition/safety controls	Check Run Cap		
Clean and adjust as needed	Check for Vibrations/noises		
Visually inspect heat exchanger	Check for Refrigerant Leaks		
Inspect Flue System	Refrigerant Type _____ Qty _____		
<b>MISC</b>			
Panels Secured	<b>Rate Condition of Equipment: Good / Fair / Bad</b>		
<b>AIR TEMPERATURE (SPLIT)</b>	<b>SUPPLY TEMP</b>	<b>RETURN TEMP</b>	
COMPRESSOR RATED AMPS:	COMPRESSOR ACTUAL AMPS:		
OUTDOOR FAN RATED AMPS:	OUTDOOR FAN ACUTAL AMPS:		
INDOOR FAN RATED AMPS:	INDOOR FAN ACTUAL AMPS:		
<b>COMMENTS:</b>			

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**EXHIBIT 4 - COOLER PREVENTATIVE MAINTENANCE CHECKLIST**
**COOLER PREVENTATIVE MAINTENANCE CHECKLIST**

<b>TECHNICIAN NAME:</b>	<b>DATE:</b>	<b>UNIT #</b>
	<b>ASPEN MEDIA</b>	<b>CELL DECK MEDIA</b>
<b>LOCATION OF UNIT:</b>	<b>SIZE OF PADS:</b>	<b>SIZE OF PADS:</b>
<b>MANUFACTURER:</b>	<b>QUANTITY:</b>	<b>QUANTITY:</b>
<b>MODEL #:</b>		
<b>SERIAL #:</b>		
<b>MOTOR HP:</b>		
<b>VOLTAGE:</b>		
<b>PUMP VOLTAGE:</b>		
<b>PUMP SIZE:</b>		
<b>SIDE DRAFT / DOWN DRAFT</b>		
<b>INSPECTION CHECKLIST: <i>Place check marks next to items after inspected</i></b>		
<b>DRY SECTION</b>	<b>ELECTRICAL</b>	
Lubricate motor/blower bearings	Inspect and tighten electrical connections	
Replace Belts Browning or Gates	Inspect Electrical Disconnect (If Bad, submit a W.O)	
Belt Size _____ Qty _____	Inspect Electrical Disconnect (If Bad, submit a W.O)	
Blower wheel clear of debris		
Inspect Pulley: Replace if required		
<b>WET SECTION</b>		
Thoroughly Clean Basin		
Clean Water Distribution System		
Replace Float		
Properly Adjust Water Level		
Bleed off Line installed & secure		
Inspect condition of pads. (Replace if necessary)		
Ensure even water flow distribution across pads		
Ensure no water carry over into dry section		
Verify drain line is clear and open		
<b>MISC</b>		
Ensure all panels are secured		
Clean up work site		
Ensure no screws left on roof		
<b>Rate Condition of Equipment: Good / Fair / Bad</b>		
<b>COMMENTS</b>		

### EXHIBIT 5 - CURRENT EQUIPMENT AND LOCATIONS

Item	Location	Location ID	Unit #	Type of Equipment	Size (Ton)	Manufacturer	Year	Model #
1	Val Vista	Admin Bldg		Pkg	5	Carrier	2020	50FCQA06A2A6A0A0A0
2	Val Vista	Admin Bldg		Split	2	Carrier	2017	38MAQB24R-301
3	Val Vista	Admin Bldg		Split	2	Carrier	2017	40MAQB24B-3
4	Val Vista	Admin Bldg		PHP	6	Carrier	2020	50FCQM07A2A6A0A0A0
5	Val Vista	Admin Bldg		Pkg	10	Carrier	2020	50TCQD12A2A6A0A0G0
6	Val Vista	Admin Bldg		PHP	10	Carrier	2011	50TCQD12A2A6A0A0A0
7	Val Vista	Admin Bldg		Pkg	10	Carrier	2020	50TCQD12A2A6A0A0G0
8	Val Vista	Admin Bldg		PHP	6	Carrier	2009	50HI-007G-F641--
9	Val Vista	Admin Bldg		Pkg	15	Carrier	2011	50TC-D17A2ABA0A0A0
10	Val Vista	Admin Bldg		Pkg	10	Carrier	2020	50TCQD12A2A6A0A0G0
11	Val Vista	Admin Bldg		Pkg	15	Carrier	2011	50TC-D17A2A6A0A0A0
12	Val Vista	Admin Bldg		Pkg	5	Carrier	2019	50KCA06A2A6B0A0A0
13	Val Vista	Admin Bldg		PHP	7.5	Carrier	2022	50TCQD08A2A60A0G0
14	Val Vista	Admin Bldg		Pkg	10	Carrier	2013	50TCQD12A2A6A0A0A0
15	Val Vista	Admin Bldg		Split	2	Ruud	2023	RA14AZ24AJ1NA
16	Val Vista	Admin Bldg		Split	2	Ruud	2023	RH2TZ2417STANNJ
17	Val Vista	Admin Bldg		Mini Split	2.5	Lennox	2003	MPB030S4S-1P
18	Val Vista	Admin Bldg		Mini Split	2.5	Lennox	2003	MWMA030S4-1P



19	Val Vista	Admin Bldg		Mini Split	2.5	Fujitsu	2021	36RLXBA0U
20	Val Vista	Admin Bldg		Mini Split	2.5	Fujitsu	2021	36RLXBASU
21	Val Vista	Admin Bldg		Mini Split	3	Fujitsu	2017	A0UH36LPAS1
22	Val Vista	Admin Bldg		Mini Split	3	Fujitsu	2017	ASUH36LPAS
23	Used Water Recovery Control Bldg	Used Water Recovery Control Bldg		Pkg	30	Trane	2011	TCD360B40F1D2EC1A000000HJ00M
24	Warehouse	Warehouse		Split	7.5	Trane	2022	TWA09044AAA01AS
25	Warehouse	Warehouse		Split	7.5	Trane	2021	TWE09043AAA07A1
26	Dewatering Bldg	Dewatering Bldg		PHP	7.5	Trane	2017	WSC090E4R0A0U
27	Dewatering Bldg	Dewatering Bldg		PHP	7.5	Trane	2022	WSC090H4R0A000
28	Dewatering Bldg	Dewatering Bldg		Pkg	15	Carrier	2019	50TC-D16A2A6A0A0G0
29	Dewatering Bldg	Dewatering Bldg		Pkg	15	Carrier	2013	50TC-D17A2A6A0A0A0
30	Dewatering Bldg	Dewatering Bldg		Split	2	Carrier	2021	25HCE424AP030011
31	Dewatering Bldg	Dewatering Bldg		Split	2	Carrier	2022	FX4DNF025L00EFAA
32	Dewatering Bldg	Dewatering Bldg		Split	20	York	2017	J20YCC00A4AAB4
33	Dewatering Bldg	Dewatering Bldg		Split	20	York	2017	J20NCC00F4AAA2
34	Dewatering Bldg	Dewatering Bldg		Split	20	York	2017	J20YCC00A4AAB4
35	Dewatering Bldg	Dewatering Bldg		Split	20	York	2017	J20NCC00F4AAA2
36	East Plant Inlet Electrical	East Plant Inlet Electrical		Pkg	10	Carrier	2023	50HI-012G-F661
37	West Plant Inlet Electrical	West Plant Inlet Electrical		Pkg	17.5	Carrier	2013	50TC-D20A2A6A0B0A0
38	Electrical Bldg	Electrical Bldg		Pkg	10	Carrier	2019	50TC-D12A2A6A0A0G0



39	Disinfection Bldg	Disinfection Bldg		Pkg	12.5	Trane	2017	WSH150E4R0B0B0001000000
40	Disinfection Bldg	Disinfection Bldg		PHP	5	Carrier	2022	50FCQA06A2A1A0A0A0
41	Reservoir Pump Station	Reservoir Pump Station		Split	6	Carrier	2009	38ARZ007-E601--
42	Reservoir Pump Station	Reservoir Pump Station		Split	6	Carrier	2009	40RM-007-B611FD
43	Reservoir Pump Station	Reservoir Pump Station		Split	6	Carrier	2009	38ARZ007-F601--
44	Reservoir Pump Station	Reservoir Pump Station		Split	6	Carrier	2009	40RM-007-B611FD
45	Reservoir Pump Station	Reservoir Pump Station		Pkg	8.5	Carrier	2020	50HCD09A2A60A0A0
46	Remote Water Quality Inst Bldg	Remote Water Quality Inst Bldg		Mini Split	2	Mitsubishi	2011	PUZ-A24NH44
47	Remote Water Quality Inst Bldg	Remote Water Quality Inst Bldg		Mini Split	2	Mitsubishi	2011	PKA-A24KA4
48	Backwash Clarifiers Elec/Polmer Bldg	Backwash Clarifiers Elec/Polmer Bldg		Pkg	15	Trane	2016	TSD180F4R0A09D001000000
49	Fluoride Feeder Bldg	Fluoride Feeder Bldg		Pkg	2	Carrier	2020	50VT-C24---30TP
50	Security Guard House	Security Guard House		Split	3	Trane	2023	4TWR4036N1000AA
51	Security Guard House	Security Guard House		Split	3	Trane	2023	TEM4B0C37MB15AA
52	Powdered Activated Carbon Bldg	Powdered Activated Carbon Bldg		Pkg	2.5	Sun	2011	V30-10904
53	Chlorine Dioxide Feed Bldg	Chlorine Dioxide Feed Bldg		Pkg	3	Marvair	2010	HVPA36HPA000CU-100-VAR
54	Chlorine Dioxide Feed Bldg	Chlorine Dioxide Feed Bldg		Pkg	3	Marvair	2010	HVPA36HPA000CU-100-VAR
55	Granular Activated Carbon Electrical Bldg	Granular Activated Carbon Electrical Bldg		Pkg	40	Carrier	2011	50A4-040MQG61AEE
56	Granular Activated Carbon Electrical Bldg	Granular Activated Carbon Electrical Bldg		Pkg	40	Carrier	2011	50A4-040MQG61AEE
57	By SRP Substation	By SRP Substation		Pkg	7.5	Carrier	2020	50HC0D08A2A6A0A0G0

58	By SRP Substation	By SRP Substation		Pkg	7.5	Carrier	2020	50HC0D08A2A6A0A0G0
59	Pre-Sedimentation Basins	Pre-Sedimentation Basins		Mini Split	2	Fujitsu	2021	A0UH24LPAS1
60	Pre-Sedimentation Basins	Pre-Sedimentation Basins		Mini Split	2	Fujitsu	2021	ASUH24LPAS
61	Pre-Sedimentation Basins	Pre-Sedimentation Basins		Pkg	4	Carrier	2020	50FC-A05A2A6A0A0A0
62	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	3	FUJITSU	2021	AOU36RGLX
63	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	3	FUJITSU	2021	AUU36RGLX
64	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	3	Johnson Controls	2020	DHR36CSB21S
65	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	3	Johnson Controls	2020	DHR36NKB21S
66	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	3	Mitsubishi	2022	PUZ-A36NKA7
67	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	3	Mitsubishi	2022	PLA-A36EA8
68	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	2.5	Fujitsu	2012	A0U30CLXI
69	East Flocculation & Final Sedimentation Basins	East Flocculation & Final Sedimentation Basins		Mini Split	2.5	Fujitsu	2012	ASU30CLXI
70	Chemical Storage & Handling Facilities	Chemical Storage & Handling Facilities		Split	12	Stulz	2017	SC5-144-55A
71	Chemical Storage & Handling Facilities	Chemical Storage & Handling Facilities		Split	3.5	Stulz	2017	C0S-042-AR-U-EC

72	West Side Trailer Electrical	West Side Trailer Electrical		Pkg		Bard		W72AC-B09BP5XXJ
73	West Trailer Electrical	West Trailer Electrical		Pkg		Bard		W72AC-B09BP5XXJ
74	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
75	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF04231D03B0LRF0100001
76	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
77	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
78	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF03011D03B0LRF0100001
79	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF03631D03B0LRF0100001
80	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF03011D03B0LRF0100001
81	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2018	EXHF02411D03B0LRF0100001
82	24th St Admin	Admin - 1st Fl.		WSHP	2	TRANE	2017	EXHF03011D03B0LRF0100001
83	24th St Admin	Kitchen		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
84	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
85	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
86	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF03631D03B0LRF0100001
87	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
88	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF02411D03B0LRF0100001
89	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF03011D03B0LRF0100001
90	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF03631D03B0LRF0100001
91	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF03011D03B0LRF0100001

92	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF03631D03B0LRF0100001
93	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF03631D03B0LRF0100001
94	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2008	GEHB02411T0100LR00000001
95	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	EXHF03631D03B0LRF0100001
96	24th St Admin	Admin - 2nd Fl.		WSHP	2	TRANE	2017	GECE01501D
97	24th St Admin	Admin - 2nd Fl.		Split	3	TRANE	2020	4TWA4036A3000AB
98	24th St Admin	Admin - 2nd Fl.		Split	3	TRANE	2020	TEM6A0C36H31SBA
99	24th St Admin			Cooling Tower	41	BAC	2018	VF1-036-21K
100	24th St Admin			Pump	5hp	WEG	2017	00518ET3V184JM-W22
101	24th St Admin			Pump	5hp	WEG	2017	00518ET3V184M-W22
102	24th St WIP	Plant Admin Bldg		Split	5	Trane	2014	4TTA3060D4000CA
103	24th St WIP	Plant Admin Bldg		Split	5	Trane	2014	GAM2A0C60S51SEA
104	24th St WIP	Plant Admin Bldg		Pkg	5	Carrier	2021	50GCQM06A2A6A0A0A0
105	24th St WIP	Plant Admin Bldg		Split	10	Trane	2014	TTA120E400AA
106	24th St WIP	Plant Admin Bldg		Split	10	Trane	1993	MCCA021MBD0C0000000000000 A
107	24th St WIP	Plant Admin Bldg		Split	15	Trane	2016	TTA180H400AA
108	24th St WIP	Plant Admin Bldg		Split	15	Trane	2015	CSAA012UAL00
109	24th St WIP	Plant Admin Bldg		Split	15	Trane	2014	TTA180H400GA
110	24th St WIP	Plant Admin Bldg		Split	10	Trane	1993	MCCA010GAF0BBB000D0EBA00AAA0000AB
111	24th St WIP	Plant Admin Bldg		Split	7.5	Trane	2014	TTA090A400GA

112	24th St WTP	Plant Admin Bldg		Split	7.5	Trane	1993	MCCA006GAF0BBB000B0EBA00AAA0000AA
113	24th St WTP	Utility Bldg		Split	5	Daikin	2020	RXTQ60TAVJUA
114	24th St WTP	Utility Bldg		Split	5	Daikin	2020	FXSQ54TAVJU
115	24th St WTP	Utility Bldg		Split	5	Daikin	2020	RXTQ60TAVJUA
116	24th St WTP	Utility Bldg		Split	5	Daikin	2020	FXSQ54TAVJU
117	24th St WTP	Utility Bldg		Split	1.5	Daikin	2020	RZQ18TAVJUA
118	24th St WTP	Utility Bldg		Split	1.5	Daikin	2020	FBQ18PUJU
119	24th St WTP	Plant 2		Mini Split	2.5	Mitsubishi	2019	PUZ-A30NHA7
120	24th St WTP	Plant 2		Mini Split	2.5	Mitsubishi	2019	PCAA30KA7
121	24th St WTP	Plant 2		Split	3	Carrier	2017	24AHA36A0030010
122	24th St WTP	Plant 2		Split	3	Carrier	2015	40MKCB34F--301--
123	24th St WTP	Old MS-3 Bldg		Wall Mount	5	Bard	2021	W60AC-A05XP4XXJ
124	24th St WTP	New MS-3 Bldg		Split	6	Carrier	2019	38AUQE07A0A6A0A0A0
125	24th St WTP	New MS-3 Bldg		Split	6	Carrier	2019	40RUQA07T1A6
126	24th St WTP	New MS-3 Bldg		Split	6	Carrier	2019	38AUQE07A0A6A0A0A0
127	24th St WTP	New MS-3 Bldg		Split	6	Carrier	2019	40RUQA07T1A6
128	24th St WTP	Filter Control Bldg 7		PHP	7.5	Trane	2012	TSC090E4E0A0B
129	24th St WTP	Filter Control Bldg 7		Pkg	3	Carrier	2021	50GCQM04A2A60A0A0
130	24th St WTP	Filter Control Bldg 7		Mini Split	3	Fujitsu	2016	A0U36RLXFZ1
131	24th St WTP	Filter Control Bldg 7		Mini Split	1.5	Fujitsu	2017	ASU18RLF

132	24th St WIP	Filter Control Bldg 7		Mini Split	1.5	Fujitsu	2017	ASU18RLF
133	24th St WIP	Maintenance Bldg		Pkg	4	Carrier	2022	5OUT-C48-60
134	24th St WIP	Maintenance Bldg		Split	7.5	Trane	2022	TWA09044AAA-E00K
135	24th St WIP	Maintenance Bldg		Split	7.5	Trane	2021	TWE09043AAA-A0000000
136	24th St WIP	Maintenance Bldg		PHP	4	Carrier	2020	50VT-C48-60
137	24th St WIP	Ferric Pumps		Cabinet		McLean	2018	CR430616G031
138	24th St WIP	Warehouse		Pkg	4	Carrier	2020	50KCQA05A2A5B0A0A0
139	24th St WIP	Warehouse		Mini Split	0.75	Mitsubishi	2013	MUZ-GL09NA
140	24th St WIP	Warehouse		Mini Split	0.75	Mitsubishi	2013	MSZ-GL09NA
141	24th St WIP	LD/SS Switchgear		Pkg	5	Bard	2020	W60AC-C09XP4XXJ
142	24th St WIP	3B-B4 BPS MCC Bldg		PHP	5	Trane	2015	WSC060E4R0A1B
143	24th St WIP	Chlorine Sampling Equip Bldg		Pkg	2	Bard	2020	W24A-A05XP4XXJ
144	24th St WIP	Solids MCC		Pkg	5	Aeon	2020	RQ-005-3-V-G692-000
145	24th St WIP	Sludge Dewatering Bldg		Pkg	7.5	Trane	2019	WSC090H4R0A04000
146	24th St WIP	Sludge Dewatering Bldg		Pkg	12.5	Trane	2019	WSD150E4R0B0R000000000000000000
147	24th St WIP	Sludge Dewatering Bldg		Cabinet	3.5	McLean	2013	G572046G102
148	24th St WIP	Sludge Dewatering Bldg		Cabinet	1.6	McLean	2008	CR430616-031H
149	24th St WIP	Sludge Dewatering Bldg		Cabinet	1.5	McLean	2013	CR23-0216-G015H
150	24th St WIP	Sludge Dewatering Bldg		Cabinet	1.6	Hoffman	2016	CR430616G031H
151	24th St WIP	Salt River Project Service/MS2		CRAC	5	Bard	2020	W60AC-A05XP4XXJ

152	24th St WTP	PV Booster Station Elec Bldg		PHP	5	Carrier	2023	50FCQA06AZA6A0A0A0
153	24th St WTP	Old PV Booster Bldg/PRV Station		PHP	5	Carrier	2013	50HCQA06A2A6A0A0A0
154	24th St WTP	Raw Water Pump Station/Swtgr Bldg		Split	10	Carrier	2014	38AUQA12A0A6A0A0A0
155	24th St WTP	Raw Water Pump Station/Swtgr Bldg		Split	10	Carrier	2014	40RUQA12A2A6A0A0A0
156	24th St WTP	Raw Water Pump Station/Swtgr Bldg		Split	10	Carrier	2014	38AUQA12A0A6A0A0A0
157	24th St WTP	Raw Water Pump Station/Swtgr Bldg		Split	10	Carrier	2014	40RUQA12A2A6A0A0A0
158	24th St WTP	Raw Water Pump Station/Swtgr Bldg		Split	3.5	Carrier	2020	24AAA542A300
159	24th St WTP	Raw Water Pump Station/Swtgr Bldg		Split	3.5	Carrier	2020	FX4DNF043L00
160	24th St WTP	Sludge Pump Bldg		Split	7.5	Trane	2017	TTA090G400AA
161	24th St WTP	Sludge Pump Bldg		Split	7.5	Trane	2017	TWE090D300AB
162	24th St WTP	Sludge Pump Bldg		Cabinet	1.5	Hoffman	2004	MB6-0616-307H
163	24th St WTP	Copper Sulfate Bldg		Mini Split	3	Fusitsu	2022	A0UH36LPAS1
164	24th St WTP	Copper Sulfate Bldg		Mini Split	3	Fusitsu	2022	ASUH36LPAS
165	24th St WTP	Copper Sulfate Bldg		Mini Split	3	Fusitsu	2017	A0U36RLXB
166	24th St WTP	Copper Sulfate Bldg		Mini Split	3	Fusitsu	2017	ASU36RLXB
167	24th St WTP	Carbon Silo		Cabinet	1.5	McLean	2012	CR290416G068
168	24th St WTP	Carbon Silo		Cabinet	1.5	Nvent	2019	CR290216G036
169	24th St WTP	Guard Shack		Split	4	Carrier	2007	25HBR348A310
170	24th St WTP	Guard Shack		Split	4	Carrier	2007	FA4CNF048
171	24th St WTP	2A-R12 Station Elec Bldg		PHP	3	Carrier	2022	50FCQA04A2A6A0A0A0



172	24th St WTP	MCC-WW Bldg		Mini Split	2.5	Mitsubishi	2018	PUZ-A30NHA7
173	24th St WTP	MCC-WW Bldg		Mini Split	2.5	Mitsubishi	2016	PKA-A30KA6
174	24th St WTP	MCC-WW Bldg		Mini Split	2.5	Mitsubishi	2018	PUZ-A30NHA7
175	24th St WTP	MCC-WW Bldg		Mini Split	2.5	Mitsubishi	2016	PKA-A30KA6
176	24th St WTP	SWBD-PS Bldg		Mini Split	3	Mitsubishi	2018	PUZ-A36NKA7
177	24th St WTP	SWBD-PS Bldg		Mini Split	3	Mitsubishi	2018	PKA-A36KA7
178	24th St WTP	SWBD-PS Bldg		Mini Split	3	Mitsubishi	2019	PUZ-A36NKA7
179	24th St WTP	SWBD-PS Bldg		Mini Split	3	Mitsubishi	2019	PKA-A36KA7
180	24th St WTP	Bar Screens		Cabinet	1.5	Hoffman	2008	T43-0616-G100H
181	24th St WTP			Pkg		Carrier	2022	50TC-D08A2A6A0A0G0
182	24th St WTP			Pkg		Carrier	2022	50TC-D08A2A6A0A0G0
183	24th St WTP			Pkg		Carrier	2021	50TCQD12A2A6A0A0G0
184	24th St WTP			Pkg		Carrier	2021	50TCQD12A2A6A0A0G0
185	Union Hills			Split	3	Trane	2019	4TWR4036G1000AA
186	Union Hills			Split	3	Trane	2019	TEM4ADC37531SBA
187	Union Hills	Storage Bldg		Pkg	7.5	Trane	2020	TSC092H4R0A22
188	Union Hills	Storage Bldg		Mini Split	3	Mitsubishi	2018	PUZ-A36NKA7
189	Union Hills	Storage Bldg		Mini Split	3	Mitsubishi	2018	PKA-A36KA7
190	Union Hills	Carbon Bldg		Pkg	2	Trane	2017	4TCC4024A1000AB
191	Union Hills	Carbon Bldg		Split	7.5	Carrier	2022	38AUZA08A0A6A0A0A0

192	Union Hills	Carbon Bldg		Split	7.5	Carrier	2022	40RUAA08T2A60A0A0
193	Union Hills	Finished Water Pump Station & Control Bldg		Pkg	20	Trane	2022	EBC240A4E0B--0000
194	Union Hills	Finished Water Pump Station & Control Bldg		Pkg	8.5	Trane	2016	THC102F4R0A0D0701000000D
195	Union Hills	Finished Water Pump Station & Control Bldg		Pkg	17.5	Trane	2011	TCD210F40AAA
196	Union Hills	Finished Water Pump Station & Control Bldg		Pkg	10	Trane	2019	TSC120H4R0A02H0B10000000H000
197	Union Hills	Finished Water Pump Station & Control Bldg		Pkg	10	Trane	2019	TSC120H4R0A02H0B10000000H000
198	Union Hills	Used Water Recovery Bldg		Pkg	1.5	Trane	2006	4WCC3018A1000AA
199	Union Hills	Solids Handling Bldg		Pkg	3	Carrier	2016	50TCQA04A2C5A0A0A0
200	Union Hills	Solids Handling Bldg		Package	4	Trane	2021	TSC048G4R0A260000
201	Union Hills	Solids Handling Bldg		Pkg	15	Trane	2014	TSH180F4R0A030000000000000
202	Union Hills	Administration Bldg		PHP	12.5	ICP	2014	RHS150L0CA0AAAA
203	Union Hills	Administration Bldg		PHP	12.5	ICP	2011	RHS150L0BA0AAAA
204	Union Hills	Administration Bldg		PHP	5	ICP	2009	RHS060L0XA0AAAA
205	Union Hills	Administration Bldg		PHP	12.5	ICP	2014	RHS150L0CA0AAAA
206	Union Hills	Administration Bldg		PHP	12	Carrier	2014	50TCQD14A2A6A0A0G0
207	Union Hills	Administration Bldg		PHP	7.5	Carrier	2020	50HCQD08A2A6A0A0A0
208	Union Hills	Administration Bldg		PHP	10	ICP	2010	RHS120L0CA0AAAA--
209	Union Hills	Administration Bldg		PHP	5	ICP	2009	RHS060L0XA0AAAA
210	Union Hills	Administration Bldg		PHP	4	ICP	2009	RHS048K0XA0AAAA--
211	Union Hills	Administration Bldg		PHP	8.5	ICP	2008	PHH102L0A00AAA

212	Union Hills	Administration Bldg		PHP	7.5	Carrier	2021	50HCAD08A2A6A0A0A0
213	Union Hills	Administration Bldg		Split	2	Carrier	2020	25HCE424A300
214	Union Hills	Administration Bldg		Split	2	Carrier	2020	FX4DNF025
215	Union Hills	Administration Bldg		Split	3	Carrier	2021	25HCE436A310
216	Union Hills	Administration Bldg		Split	3	Carrier	2021	FX4DNF037
217	Union Hills	Administration Bldg		Split	20	Trane	2016	WSD240E4R0A0B0001
218	Union Hills	Disinfection Bldg		Pkg	10	Carrier	2021	50TCQD12A2A6A060A0G0
219	Union Hills	Disinfection Bldg		Pkg	5	Carrier	2022	50FCQA06A2A60A0A0
220	Union Hills	Disinfection Bldg		Pkg	4	ICP	2015	RHH048L0CA0AAAA--
221	Union Hills	Chlorine Dioxide Bldg		PHP	3	Trane	2011	WSC036E4R0A0Z00000000000
222	Union Hills	Pre-Treatment Module E		Pkg	7.5	Carrier	2016	50TCQD08B2C6A0A0A0
223	Union Hills	Pre-Treatment Module E		Pkg	2	Marvair	2014	AVPA24ACA000NKU-A5-100-VAR
224	Union Hills	Pre-Treatment Module F		Pkg	2	Marvair	2014	AVPA24ACA000NKU-A5-100-VAR
225	Union Hills	Pre-Treatment Module F		Php	7.5	Carrier	2016	50TCQD08B2C6A0A0A0
226	Union Hills	Pre-Treatment Module A		Package	2	Eubank	2022	EAA1024AA100N
227	Union Hills	Pre-Treatment Module A		Pkg	4	Bard	2020	W48AC-C09XP4XXJ
228	Union Hills	Pre-Treatment Module B		Pkg	1.5	Bard	2021	W18AB-A0ZXP4XXJ
229	Union Hills	Pre-Treatment Module B		Pkg	4	Bard	2020	W48AC-C09XP4XXJ
230	Union Hills	Pre-Treatment Module C		Pkg	1.5	Bard	2021	W18AB-A0ZXP4XXJ
231	Union Hills	Pre-Treatment Module C		Pkg	4	Bard	2020	W48AC-C09XP4XXJ

232	Union Hills	Pre-Treatment Module D		Pkg	1.5	Bard	2021	W18AB-A0ZXP4XXJ
233	Union Hills	Pre-Treatment Module D		Pkg	4	Bard	2018	W48A2-C0ZXP4XXJ
234	Union Hills	Security Guard House		Split	4	Carrier	2020	4TWR6048H1000AC
235	Union Hills	Security Guard House		Split	4	Carrier	2020	TEM4A0C48S415BA
236	Union Hills	Generator Station North		Mini Split	2	Mitsubishi	2019	PUZ-A24NHA7
237	Union Hills	Generator Station North		Mini Split	2	Mitsubishi	2019	PKA-A24KA7
238	Union Hills	Generator Station North		Mini Split	2	Mitsubishi	2019	PUZ-A24NHA7
239	Union Hills	Generator Station North		Mini Split	2	Mitsubishi	2019	PKA-A24KA7
240	Union Hills	Generator Station South		Mini Split	2	Carrier	2018	PUY-A24NHA7
241	Union Hills	Generator Station South		Mini Split	2	Carrier	2018	PKA-A24KA7
242	Union Hills	Generator Station South		Mini Split	3	Carrier	2018	PUY-A36NKA7
243	Union Hills	Generator Station South		Mini Split	3	Carrier	2018	PKA-A36KA7
244	Deer Valley	Gravity Thickener Polymer Bldg		Pkg	3	Trane	2011	TSD036E4R0A17D000
245	Deer Valley	Gravity Thickener Polymer Bldg		Pkg	17.5	Trane	2016	EAC210A4E0A00000
246	Deer Valley	Gravity Thickener Electrical Bldg		Pkg	3	Bard	2021	W36A-C0ZXP4XXJ
247	Deer Valley	Gravity Thickener Electrical Bldg		Pkg	3	Bard	2020	MAA1036AD060C
248	Deer Valley	TSS Basin Gallery		Pkg	20	Trane	2014	TSD240F4R0A03D001A1B00004
249	Deer Valley	TSS Basin Electrical Bldg 2		Pkg	3.5	Bard	2017	W42A2-C00
250	Deer Valley	TSS Basin Electrical Bldg 2		Pkg	4	Bard	2021	W48A-C09XP4XXJ
251	Deer Valley	TSS Basin Electrical Bldg 2		Pkg	3.5	Bard	2017	XWA42A2-C00

252	Deer Valley	Washwater Clarifier Polymer Bldg		Pkg	3	Trane	2018	THC036E4R0A1MA0010000000
253	Deer Valley	Washwater Equalization Electrical Bldg 3		Pkg	3	Bard	2011	EHWC03A-C09
254	Deer Valley	Washwater Equalization Electrical Bldg 3		Pkg	3	Bard	2015	W36A2-C0ZXP4XXJ
255	Deer Valley	Raw Water Electrical Bldg 8A		Pkg	3	Bard	2023	W36AB-A05XP4XXJ
256	Deer Valley	Raw Water Electrical Bldg 8B		Pkg	3	Bard	2023	W36AB-A05XP4XXJ
257	Deer Valley	Raw Water Electrical Bldg 8B		Pkg	3	Bard	2020	W36AB-A10XP4XXJ
258	Deer Valley	Raw Water Sample Station 1		Pkg	1.5	Trane	2010	4TCC3018A1000AA
259	Deer Valley	Dewatering Bldg		Pkg	20	Trane	2023	ECC240A4EOA
260	Deer Valley	Dewatering Bldg		Pkg	15	Trane	2019	TSD180G4R0A0X00000000000
261	Deer Valley	Dewatering Bldg		Pkg	2	Trane	2022	4WCC4024A1000AB
262	Deer Valley	Dewatering Bldg		Pkg	20	Trane	2017	THD240G4R0B0500000000000
263	Deer Valley	Dewatering Bldg		Pkg	7.5	Trane	2015	THC092F4R0A0B000100000000
264	Deer Valley	Dewatering Bldg		Pkg	7.5	Trane	2012	TSC090E4E0A0B0000A2000000
265	Deer Valley	Dewatering Bldg		Pkg	15	Trane	2015	THD180G4R0A02D0010000000
266	Deer Valley	Dewatering Bldg		Pkg	12.5	Trane	2023	TSJ150A450003000000000000
267	Deer Valley	Dewatering Bldg		Pkg	6	Carrier	2020	48FCDM07A2A6A0A0A0
268	Deer Valley	Dewatering Bldg		Pkg	3	Carrier	2021	48FCDA04A2A60A0A0
269	Deer Valley	Dewatering Bldg		Mini Split	2	LG	2006	LSU240HLV
270	Deer Valley	Dewatering Bldg		Mini Split	2	LG	2006	LSN240HLV
271	Deer Valley	Dewatering Bldg		Split	3	Carrier	2011	25HBC360A600

272	Deer Valley	Dewatering Bldg		Split	5	Carrier	2011	FX4DNF061
273	Deer Valley	Dewatering Bldg		Pkg	12.5	Carrier	2018	48TCDD14A2A6A0A0G0
274	Deer Valley	Dewatering Bldg		Split	3.5	Carrier	2020	25HCE442A300
275	Deer Valley	Dewatering Bldg		Split	3.5	Carrier	2020	FX4DNF043L00
276	Deer Valley	Dewatering Bldg		Pkg	20	Trane	2012	TCD240F400BB
277	Deer Valley	Dewatering Bldg		Pkg	3	Carrier	2020	48FCEA04A2A60A0A0
278	Deer Valley	Dewatering Bldg		Pkg	10	Carrier	2012	48TCDD12A2A6A0A0A0
279	Deer Valley	Dewatering Bldg		Split	4	York	2021	TCD48B41SA
280	Deer Valley	Dewatering Bldg		Split	4	York	2021	ME20DN41A
281	Deer Valley	Dewatering Bldg		Mini Split	1.5	Carrier	2006	38HDF018-301
282	Deer Valley	Dewatering Bldg		Mini Split	1.5	Carrier	2006	40QNCO1824-3
283	Deer Valley	Dewatering Bldg		Mini Split	1.25	Fujitsu	2010	A0U15RLQ
284	Deer Valley	Dewatering Bldg		Mini Split	1.25	Fujitsu	2010	ASU15RLQ
285	Deer Valley	Dewatering Bldg		Pkg	4	Carrier	2015	50AHAC0486CE--1
286	Deer Valley	East Basins Main Electrical Bldg		Pkg	4	Carrier	2020	50FCA05A2A60A0A0
287	Deer Valley	Administration Bldg		Mini Split	1	Carrier	2018	38MAQB12R-3
288	Deer Valley	Administration Bldg		Mini Split	1	Carrier	2018	40MAQB12B-3
289	Deer Valley	Administration Bldg		Mini Split	1	Carrier	2018	38MAQB12R-3
290	Deer Valley	Administration Bldg		Mini Split	1	Carrier	2018	40MAQB12B-3
291	Deer Valley	Administration Bldg		Pkg	10	Carrier	2018	50HCQD12A2M6A0A0K0

292	Deer Valley	Administration Bldg		Pkg	7.5	Carrier	2018	50HCQD08A2M6A0A0K0
293	Deer Valley	Administration Bldg		Pkg	20	Carrier	2005	48TJD020---6A1AA
294	Deer Valley	1st Floor Server Rm		Mini Split	1.5	Mitsubishi	2019	PUZ-A18NKA7
295	Deer Valley	1st Floor Server Rm		Mini Split	1.5	Mitsubishi	2019	PKA-A18HA7
296	Deer Valley	2nd Floor Training Room		Fan Coil	6	Trane	2002	BCHC072G1A0A1G04E2130ABB0
297	Deer Valley	2nd Floor Training Room		Fan Coil	6	Trane	2002	BCHC072G1A0A2G04E2130ABB0
298	Deer Valley	2nd Floor Training Room		Fan Coil	6	Trane	2002	BCHC072G1A0A1G04E2130ABB0
299	Deer Valley	2nd Floor Training Room		Fan Coil	6	Trane	2002	BCHC072G1A0A2G04E2130ABB0
300	Deer Valley	2nd Floor Training Room		Fan Coil	6	Trane	2002	BCHC072G1A0A1G04E2130ABB0
301	Deer Valley	2nd Floor Training Room		Fan Coil	6	Trane	2002	BCHC072G1A0A1G04E2130ABB0
302	Deer Valley	1st Floor N.E. Storage		Fan Coil	6	Trane	2002	Painted Over
303	Deer Valley	1st Floor		Fan Coil	?	Carrier	2004	42BHC121C3R61110CE
304	Deer Valley	1st Floor		Fan Coil	3	Trane	2002	BCH036G1A0A2G33G2080ABB01
305	Deer Valley	1st Floor		Fan Coil	1.5	Carrier	2004	42DDA18BRD36AYYY
306	Deer Valley	Guard House		Split	4	Trane	2022	4TWA4048A4000AC
307	Deer Valley	Guard House		Split	4	Trane	2020	TEM4A0C48S41SB
308	Deer Valley	Sand Ballasted Flocculation Elec Bldg		Pkg	5	Carrier	2009	50HI-006--E631-B
309	Deer Valley	East Basin SBF Gallery East		Pkg	8.5	Carrier	2009	50HI-009--E651-B
310	Deer Valley	East Basin SBF Gallery West		Pkg	8.5	Carrier	2021	50TCD09A2A60A0J0
311	Deer Valley	East Basin GAD Filter Control Bldg		Pkg	10	Carrier	2023	50FCQMI2A2A6A0A0A0

312	Deer Valley	Storage Bldg		Minisplit	1.5	Daikin	2018	RX18NMVJU
313	Deer Valley	Storage Bldg		Minisplit	1.5	Daikin	2018	FTX18NMVJU
314	Deer Valley	Backwash Electrical Bldg		Pkg	6	Trane	2012	WSC072E3R0A0BA0010000000
315	Deer Valley	Finished water Electrical Bldg		Split	5	Trane	2019	4TWA4060A3000AB
316	Deer Valley	Finished water Electrical Bldg		Split	5	Trane	2019	TEM4A0C60S51SBA
317	Deer Valley	Finished water Electrical Bldg		Pkg	5	Lennox	2012	KHA06054BN2Y
318	Deer Valley	Main Switchgear Bldg		Pkg	15	Carrier	2019	50TC-D16B2M6A6W4J0
319	Deer Valley	Analyzer Bldg		Pkg	40	AAON	2019	RN-040-3-0-EB89-000
320	Deer Valley	Analyzer Bldg		Pkg	2	AAON	2019	RQ-002-3-V-G682-000
321	Deer Valley	Analyzer Bldg		Pkg	2	AAON	2019	RQ-002-3-V-G682-000
322	Deer Valley	Chlorine Dioxide Bldg		Pkg	4	Carrier	2009	50HEQ005-E601-B
323	Deer Valley	Chlorine Bldg		Pkg	3	Carrier	2020	50KCQA04A2A6B0A0A0
324	Deer Valley	Chlorine Bldg		Pkg	10	Trane	2012	YHC120E4RLA0HA001000000
325	Deer Valley	Chlorine Bldg		Pkg	3	Trane	2012	YHC036E4RLA16A001000000
326	Deer Valley	Generator Control Room		Mini Split	2	Mitsubishi	2018	PUZ-A24NHA7-BS
327	Deer Valley	Generator Control Room		Mini Split	2	Mitsubishi	2019	PKA-A24KA7
328	Deer Valley	Generator Control Room		Mini Split	2	Mitsubishi	2019	PUZ-A24NHA7-BS
329	Deer Valley	Generator Control Room		Mini Split	2	Mitsubishi	2019	PKA-A24KA7
330	Deer Valley	Generator Electrical Room		Mini Split	3	Mitsubishi	2018	PUY-A36NKA7
331	Deer Valley	Generator Electrical Room		Mini Split	3	Mitsubishi	2019	PKA-A36KA7



332	Deer Valley	Generator Electrical Room		Mini Split	2	Mitsubishi	2019	PUY-A24NHA7
333	Deer Valley	Generator Electrical Room		Mini Split	2	Mitsubishi	2019	PKA-A24KA7
334	Deer Valley	NW of Water Reservoir #2		Pkg	3	Bard	2012	W36A1-A0ZPHX3J
335	Deer Valley	NW of Water Reservoir #2		Mini Split	2.5	Mitsubishi	2015	PUZ-A30NHA6
336	Deer Valley	NW of Water Reservoir #2		Mini Split	2.5	Mitsubishi	2015	PKA-A30KA6
337	23rd Ave	MCC-33		Wall Mnt North	3	BARD	2020	EAA1060AC090N++1+1DA+AI 8++
338	23rd Ave	CONSTR. TRAILER		Wall Mnt East	3	BARD	2020	W36AB-A10XP4XXJ
339	23rd Ave	CONSTR. TRAILER		Wall Mnt West	3	BARD	2020	W36AB-A10XP4XXJ
340	23rd Ave	BLDG 9		Split	2	TRANE	2020	TTA24044DAA01AS000
341	23rd Ave	BLDG 9		Split	2	TRANE	2020	TWE24044BA04A000
342	23rd Ave	BLDG 9		Split	2	TRANE	2020	TTA24044DAA01AS000
343	23rd Ave	BLDG 9		Split	2	TRANE	2020	TWE24044BA04A000
344	23rd Ave	BLDG 9		Cabinet	0.5	MCLEAN	2000	MB6-0616-327
345	23rd Ave	NORTH OF 9		Cabinet	?	NVENT	2020	CR230216G007
346	23rd Ave	MCC-23		Wall Mnt	4	EUBANKS	2016	AVPA48ACD000NUI-A5-E4B-100
347	23rd Ave	BLDG 14		Pkg	3	TRANE	2020	TSC036G4REA03H0B1006---
348	23rd Ave	BLDG 16		PHP	5	TRANE	2019	4WCZ6060B4000AA
349	23rd Ave	BLDG 20		Pkg	17.5	TRANE	2011	TCD210E400BB
350	23rd Ave	BLDG 25		Pkg	3	TRANE	1998	TCC036F400BC
351	23rd Ave	BLDG 25 MCC RM		Split	3	TRANE	2019	4TWA4036A4000AA

352	23rd Ave	BLDG 25		Split	3	TRANE	2019	TAM4A0B42S31SCA
353	23rd Ave	SS		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
354	23rd Ave	SS		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
355	23rd Ave	SS		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
356	23rd Ave	ITROOM		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
357	23rd Ave	ITROOM		Cabinet	0.5	MCLEAN	1999	CR29-0416-G040
358	23rd Ave	ITROOM		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
359	23rd Ave	BLDG 25		Cabinet	0.5	MCLEAN	1999	MB6-0618-327
360	23rd Ave	BLGG 26		Pkg	7	TRANE	2018	0ABD084F4-C1A1A0AB
361	23rd Ave	BLDG 26		Pkg	4	TRANE	2019	4TCC4048A-1000AB
362	23rd Ave	BLDG 26		Pkg	3	TRANE	2017	WSC036H4R0A0100000
363	23rd Ave	BLDG 27		Pkg	12.5	TRANE	2021	TSD150G4R0C16
364	23rd Ave	BLDG 28		Split	10	TRANE	2019	TTA12044AAB
365	23rd Ave	BLDG 28		Split	10	TRANE	2019	TWE12043AAA
366	23rd Ave	BLDG 28		Split	17.5	LIEBERT	1999	DCDF308LA
367	23rd Ave	BLDG 28		Split	17.5	LIEBERT	1999	UH199A-A00
368	23rd Ave	BLDG 28		Cabinet	0.5	MCLEAN	1999	HE-3316-101
369	23rd Ave	BLDG 28		Cabinet	0.5	MCLEAN	1999	HE-3316-114
370	23rd Ave	BLDG 30		Split	12.5	ICP	2011	CAS151LA0A00AA
371	23rd Ave	BLDG 30		Split	12.5	ICP	1998	39LB15---BS-ALW-1

372	23rd Ave	1STFL		Mini Split	1.5	DAIKIN	2015	RK09NMVJU
373	23rd Ave	1STFL		Mini Split	1.5	DAIKIN	2015	FTK09NMVJU
374	23rd Ave	1STFL		Split	3	TRANE	2021	4TTR4037L100A
375	23rd Ave	1STFL		Split	3	TRANE	2021	TEM4A0C37S31SBA
376	23rd Ave	1STFL		Fan Coil #1	3	TRANE	2015	BCHD036G1F0A3NL4Z
377	23rd Ave	1STFL		Fan Coil #2	4.5	TRANE	2015	BCHD054G1F0A3NL5Z
378	23rd Ave	1STFL		Fan Coil #3	3	TRANE	2015	BCHD036G1F0A3NL4Z
379	23rd Ave	1STFL		Fan Coil #4	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
380	23rd Ave	1STFL		Fan Coil #5	3	TRANE	2015	BCHD036G1F0A3NL4Z
381	23rd Ave	1STFL		Fan Coil #6	2	TRANE	2015	BCHD024G1F0A3NL4Z
382	23rd Ave	1STFL		Fan Coil #7	2	TRANE	2015	BCHD024G1F0A4NL4Z
383	23rd Ave	1STFL		FAN COIL #8	3	TRANE	2015	BCHD036G1F0A4NL4Z
384	23rd Ave	1STFL		FAN COIL #9	2	TRANE	2015	BCHD024G1F0A4NL4Z
385	23rd Ave	1STFL		Fan Coil #10	3	TRANE	2015	BCHD036G1F0A4NL4Z
386	23rd Ave	1STFL		Fan Coil #11	3	TRANE	2015	BCHD036G1F0A3NL4Z
387	23rd Ave	1STFL		Fan Coil #12	3	TRANE	2015	BCHD036G1F0A3NL4Z
388	23rd Ave	1STFL		Fan Coil #13	3	TRANE	2015	BCHD036G1F0A3NL4Z
389	23rd Ave	1STFL		Fan Coil #14	4.5	TRANE	2015	BCHD054G1F0A3NL5Z
390	23rd Ave	1STFL		Fan Coil #15	3	TRANE	2015	BCHD036G1F0A3NL4Z
391	23rd Ave	1STFL		Fan Coil #16	2	TRANE	2015	BCHD024G1F0A4NL4Z

392	23rd Ave	1STFL		Fan Coil #17	4.5	TRANE	2015	BCHD054G1F0A3NL4Z
393	23rd Ave	1STFL		Fan Coil #18	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
394	23rd Ave	1STFL		Fan Coil #19	3	TRANE	2015	BCHD036G1F0A4NL4Z
395	23rd Ave	1STFL		Fan Coil #20	2	TRANE	2015	BCHD024G1F0A4NL4Z
396	23rd Ave	1STFL		Fan Coil #21	2	TRANE	2015	BCHD024G1F0A4NL4Z
397	23rd Ave	1STFL		Fan Coil #22	3	TRANE	2015	BCHD036G1F0A4NL4Z
398	23rd Ave	1STFL		Fan Coil #23	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
399	23rd Ave	1STFL		Fan Coil #24	3	TRANE	2015	BCHD036G1F0A4NL4Z
400	23rd Ave	1STFL		Fan Coil #25	2	TRANE	2015	BCHD024G1F0A4NL4Z
401	23rd Ave	1STFL		Fan Coil #26	2	TRANE	2015	BCHD024G1F0A3NL4Z
402	23rd Ave	1STFL		Fan Coil #27	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
403	23rd Ave	1STFL		Fan Coil #28	3	TRANE	2015	BCHD036G1F0A4NL4Z
404	23rd Ave	2ND FL		Fan Coil #29	4.5	TRANE	2015	BCHD054G1F0A3NL4Z
405	23rd Ave	2ND FL		Fan Coil #30	4.5	TRANE	2015	BCHD054G1F0A3NL4Z
406	23rd Ave	2ND FL		Fan Coil #31	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
407	23rd Ave	2ND FL		Fan Coil #32	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
408	23rd Ave	2ND FL		Fan Coil #33	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
409	23rd Ave	2ND FL		Fan Coil #34	3	TRANE	2015	BCHD036G1F0A3NL4Z
410	23rd Ave	2ND FL		Fan Coil #35	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
411	23rd Ave	2ND FL		Fan Coil #36	4.5	TRANE	2015	BCHD054G1F0A4NL4Z

412	23rd Ave	2ND FL		Fan Coil #37	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
413	23rd Ave	2ND FL		Fan Coil #38	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
414	23rd Ave	2ND FL		Fan Coil #39	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
415	23rd Ave	2ND FL		Fan Coil #40	4.5	TRANE	2015	BCHD054G1F0A3NL4Z
416	23rd Ave	2ND FL		Fan Coil #41	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
417	23rd Ave	2ND FL		Fan Coil #42	3	TRANE	2015	BCHD036G1F0A3NL4Z
418	23rd Ave	2ND FL		Fan Coil #43	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
419	23rd Ave	2ND FL		Fan Coil #44	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
420	23rd Ave	2ND FL		Fan Coil #45	2	TRANE	2015	BCHD024G1F0A4NL4Z
421	23rd Ave	2ND FL		Fan Coil #46	3	TRANE	2015	BCHD036G1F0A3NL4Z
422	23rd Ave	2ND FL		Fan Coil #47	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
423	23rd Ave	2ND FL		Fan Coil #48	3	TRANE	2015	BCHD036G1F0A4NL4Z
424	23rd Ave	2ND FL		Fan Coil #49	4.5	TRANE	2015	BCHD054G1F0A3NL4Z
425	23rd Ave	2ND FL		Fan Coil #50	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
426	23rd Ave	2ND FL		Fan Coil #51	4.5	TRANE	2015	BCHD054G1F0A4NL5Z
427	23rd Ave	2ND FL		Fan Coil #52	1	ENVIRO TECH	2011	HH0BB-C8BR-000R-00816-BMAM
428	23rd Ave	2ND FL		Fan Coil #53	3	TRANE	2015	BCHD036G1F0A4NL4Z
429	23rd Ave	2ND FL		Fan Coil #54	4.5	TRANE	2015	BCHD054G1F0A3NL4Z
430	23rd Ave	2ND FL		Fan Coil #55	4.5	TRANE	2015	BCHD054G1F0A4NL4Z
431	23rd Ave	2ND FL		Fan Coil #56	1	ENVIRO TECH	2015	VV12B-C8XR-000R-01219-DMAM

432	23rd Ave	2ND FL		Fan Coil #57	2	TRANE	2015	BCHD024G1F0A3NL4Z
433	23rd Ave	ROOF		Mini Split	3	MITSUBISHI	1995	MUY-D36NA-1
434	23rd Ave	2ND FL		Mini Split	3	MITSUBISHI	1995	MSY-D36NA
435	23rd Ave	ROOF		Mini Split	3	MITSUBISHI	1995	MUY-D36NA-1
436	23rd Ave	2ND FL		Mini Split	3	MITSUBISHI	1995	MSY-D36NA
437	23rd Ave	ROOF		Mini Split	3	MITSUBISHI	1995	MUY-D36NA-1
438	23rd Ave	2ND FL		Mini Split	3	MITSUBISHI	1995	MSY-D36NA
439	23rd Ave	ROOF		Mini Split	3	MITSUBISHI	1995	MXZ-2B20NA-1
440	23rd Ave	2ND FL		Mini Split	3	MITSUBISHI	1995	MSZ-GE09NA
441	23rd Ave	2ND FL		Mini Split	3	MITSUBISHI	1995	MSZ-GE09NA
442	23rd Ave	ROOF		MUA	5	MCQUAY	2003	RDS708BY
443	23rd Ave	ROOF		MUA	5	MCQUAY	2004	RDS800BY
444	23rd Ave	ROOF		MUA	5	MCQUAY	2003	RDS708BY
445	23rd Ave	ROOF		MUA	5	MCQUAY	2003	RDS708BY
446	23rd Ave	ROOF		MUA	5	MCQUAY	2004	RDS708BY
447	23rd Ave	1STFL		MUA	6	TRANE	2015	BCHD072G1F0A4NL5Z
448	23rd Ave	ROOF		MUA	5	MCQUAY	2004	RDS708BY
449	23rd Ave	1STFL		MUA	4.5	TRANE	2015	BCHD018G1F0A3NL2Z
450	23rd Ave	ROOF		MUA	5	MCQUAY	2005	UCCAA12C1A0ECN22000
451	23rd Ave	ROOF		MUA	5	MCQUAY	2013	RDS708BY

452	23rd Ave	CLEAN RM		MUA	5	MCQUAY	2013	RDS800CLY
453	23rd Ave	BLDG 31		BOILER		RITE		273
454	23rd Ave	BLDG 35		PHP	4	ICP	2010	RHS048H0X0AAA
455	23rd Ave	BLDG 35		PHP	7.5	ICP	2010	RHS090H0CA0AAA
456	23rd Ave	BLDG 38		PHP	5	ICP	1994	RHS060L0X0AAA
457	23rd Ave	BLDG 38		PHP	5	ICP	2009	RHS060L0X0AAAA
458	23rd Ave	BLDG 38		PHP	5	ICP	2011	RHS060L0X0AAAA
459	23rd Ave	BLDG 38		PHP	10	ICP	2010	RHS120L0CA0AAAA
460	23rd Ave	BLDG 38		PHP	4	TRANE	2016	WSC048H3R0A010001A2
461	23rd Ave	BLDG 38		PHP	4	TRANE	2016	WSC048H3R0A010001A2
462	23rd Ave	BLDG 38		Pkg	4	ICP	2007	50TJ0286BI YA
463	23rd Ave	BLDG 40		PHP	15	ICP	2004	PHH180L0A00AA
464	23rd Ave	BLDG 40		PHP	7.5	ICP	2011	RHS090L0CA0AAAA
465	23rd Ave	BLDG 40		Split	5	LIEBERT	2013	DCDF251-A
466	23rd Ave	BLDG 40		Split	5	LIEBERT	2013	DS035ASA0E0303A
467	23rd Ave	BLDG 40		Split	10	ICP	2011	CHS121LAA0A00AA
468	23rd Ave	BLDG 40		Split	10	ICP	2011	FHS120MAAA0A0AA
469	23rd Ave	BLDG 40		Split	10	ICP	2011	CHS121LAA0A00AA
470	23rd Ave	BLDG 40		Split	10	ICP	2011	FHS120MAAA0A0AA
471	23rd Ave	BLDG 45		Pkg	15	TRANE	2021	TSD180G4R0C16

472	23rd Ave	BLDG 45		Pkg	2	TRANE	2021	4TCC4024AI000AB
473	23rd Ave	BLDG 45		Split	20	TRANE	2008	TTA240B400FB
474	23rd Ave	BLDG 45		Split	20	TRANE	2008	TWE240B400BA
475	23rd Ave	BLDG 45		Split	1.5	LIEBERT	2019	MCL110E8ADL473
476	23rd Ave	BLDG 45		Split	1.5	LIEBERT	2019	VS035ASA000998B
477	23rd Ave	BLDG 45		Cabinet	0.5	MCLEAN	1995	HE-3316-114
478	23rd Ave	BLDG 48		Split	25	TRANE	2008	RAUCC254CZ03A0D000010
479	23rd Ave	BLDG 48		Split	25	TRANE	1992	MCAA017GAEDACA000
480	23rd Ave	BLDG 50		Pkg	4	ICP	2011	RHS048H0XA0AAAA
481	23rd Ave	BLDG 50		Pkg	7.5	TRANE	2011	WSC090E3R03R0A09000
482	23rd Ave	BLDG 50		Pkg	8	ICP	2011	RHS102H0CA0AAAA
483	23rd Ave	BLDG 51		Split	1.5	TRANE	2019	4TIR4018LI000AB
484	23rd Ave	BLDG 51		Split	1.5	TRANE	2019	TEM4A0B18S215BA
485	23rd Ave	BLDG 61		PHP	5	ICP	2011	RHS060L0XA0AAAA
486	23rd Ave	MCC-37		Wall Mnt	5	BARD	1992	60WA-B09N
487	23rd Ave	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
488	23rd Ave	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
489	23rd Ave	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
490	23rd Ave	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
491	23rd Ave	ELECTRICAL		Cabinet	0.5	APW	2008	MB6-0616-327



492	23rd Ave	ELECTRICAL		Cabinet	0.5	MCLEAN	2008	MB6-0616-327
493	23rd Ave	BLDG 63		Cabinet	0.5	MCLEAN	2008	MB6-0616-327
494	23rd Ave	ELECTRICAL		Cabinet	0.5	MCLEAN	2008	MB6-0616-327
495	23rd Ave	BLDG 63		Cabinet	0.5	MCLEAN	2008	MB6-0616-307H
496	23rd Ave	BLDG 63		Cabinet	0.5	MCLEAN	1999	52-1926-082U
497	23rd Ave	BLDG 63		Cabinet	0.5	MCLEAN	1999	52-1926-082U
498	23rd Ave	BLDG 65		Split	4	CARRIER	1988	38EN048520
499	23rd Ave	BLDG 65		Split	4	CARRIER	1988	40QH048300
500	23rd Ave	BLDG 65		PHP	4	ICP	2011	RHS048H0XA0AAA
501	23rd Ave	ELECTRICAL		Cabinet	0.5	MCLEAN	1994	CR29-0416-G040
502	23rd Ave	CONTROLRM		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
503	23rd Ave	BLDG 66		Split	4	TRANE	1999	TIP048B400AD
504	23rd Ave	BLDG 66		Split	4	TRANE	1999	TWE048C140C0
505	23rd Ave	BLDG 66		Pkg	4	TRANE	2021	TSC048G4R0A25
506	23rd Ave	BLDG 75		Pkg	15	TRANE	2020	TSH180G4R0A1000B5A1A601
507	23rd Ave	BLDG 75		Pkg	5	TRANE	2020	WSC060H4R0A0300BA1A6
508	23rd Ave	BLDG 75		Pkg	10	TRANE	2020	TSC120H4R0A0200B5A1A6
509	23rd Ave	BLDG 75		Pkg	2.5	TRANE	2013	4TTA3030A4000CA
510	23rd Ave	BLDG 75		Pkg	2.5	TRANE	2013	GAM2A0A30521SBA
511	23rd Ave	ELECTRICAL		Cabinet	0.5	MCLEAN	2004	MB6-0616-327

512	23rd Ave	ELECTRICAL		Cabinet	0.5	MCLEAN	1995	MB6-0616-320
513	23rd Ave	BLDG 85		Pkg	4	TRANE	2021	TSC048G4R0A25
514	23rd Ave	GUARD SHACK		Mini Split	1.5	MITSUBISHI	2001	PUGH18AKB
515	23rd Ave	GUARD SHACK		Mini Split	1.5	MITSUBISHI	2003	PLH18FKI
516	23rd Ave	GUARD SHACK		Cabinet	0.5	MCLEAN	2004	MB6-0616-307H
517	23rd Ave			Cabinet	0.5	HOFFMAN	2018	TI50116G151
518	23rd Ave	EASTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
519	23rd Ave	EASTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
520	23rd Ave	WESTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
521	23rd Ave	WESTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
522	23rd Ave	SOUTHPANEL		Cabinet	1.5	HOFFMAN	2011	CR290426G054
523	23rd Ave	2500 S. 22ND		Pkg		TRANE	1997	WCC024F100BD
524	23rd Ave Cabinet Units	BLDG9		Cabinet	0.5	MCLEAN	2000	MB6-0616-327
525	23rd Ave Cabinet Units	NORTH OF 9		Cabinet	0.5	NVENT	2020	CR230216G007
526	23rd Ave Cabinet Units	MCC-23		Wall Mnt	4	EUBANKS	2023	EAAI048AD000N-1
527	23rd Ave Cabinet Units	SS		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
528	23rd Ave Cabinet Units	SS		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
529	23rd Ave Cabinet Units	SS		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
530	23rd Ave Cabinet Units	ITROOM		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
531	23rd Ave Cabinet Units	ITROOM		Cabinet	0.5	MCLEAN	1999	CR29-0416-G040

532	23rd Ave Cabinet Units	ITROOM		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
533	23rd Ave Cabinet Units	BLDG 25		Cabinet	0.5	MCLEAN	1999	MB6-0618-327
534	23rd Ave Cabinet Units	BLDG 28		Cabinet	0.5	MCLEAN	1999	HE-3316-101
535	23rd Ave Cabinet Units	BLDG 28		Cabinet	0.5	MCLEAN	1999	HE-3316-114
536	23rd Ave Cabinet Units	BLDG 45		Cabinet	0.5	MCLEAN	1995	HE-3316-114
537	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
538	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
539	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
540	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	NVENT	2003	G572026G802
541	23rd Ave Cabinet Units	ELECTRICAL		Cabinet	0.5	APW	2008	MB6-0818-327
542	23rd Ave Cabinet Units	ELECTRICAL		Cabinet	0.5	MCLEAN	2008	MB6-0616-327
543	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	MCLEAN	2008	MB6-0616-327
544	23rd Ave Cabinet Units	ELECTRICAL		Cabinet	0.5	MCLEAN	2008	MB6-0616-327
545	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	MCLEAN	2008	MB6-0616-307H
546	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	MCLEAN	1999	52-1926-082U
547	23rd Ave Cabinet Units	BLDG 63		Cabinet	0.5	MCLEAN	1999	52-1926-082U
548	23rd Ave Cabinet Units	ELECTRICAL		Cabinet	0.5	MCLEAN	1994	CR29-0416-G040
549	23rd Ave Cabinet Units	CONTROLRM		Cabinet	0.5	MCLEAN	1999	MB6-0616-327
550	23rd Ave Cabinet Units	ELECTRICAL		Cabinet	0.5	MCLEAN	1995	MB6-0616-320
551	23rd Ave Cabinet Units	ELECTRICAL		Cabinet	0.5	MCLEAN	2004	MB6-0616-327

552	23rd Ave Cabinet Units	GUARD SHACK		Cabinet	0.5	MCLEAN	2004	MB6-0616-307H
553	23rd Ave Cabinet Units	WESTOF 58		Cabinet	0.5	HOFFMAN	2018	TI50116G151
554	23rd Ave Cabinet Units	EASTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
555	23rd Ave Cabinet Units	EASTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
556	23rd Ave Cabinet Units	WESTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
557	23rd Ave Cabinet Units	WESTPANEL		Cabinet	1.5	HOFFMAN	2019	G521226G800
558	23rd Ave Cabinet Units	SOUTH PANEL		Cabinet	1.5	HOFFMAN	2011	CR290426G054
559	91st Ave	OFFICE		Pkg	3	TRANE	2020	4WCC4036A1000AB
560	91st Ave	OFFICE		Pkg	2	TRANE	2020	4WCC4024A1000AB
561	91st Ave	AC-1/DIGESTER CONTROL		Split	3.5	CARRIER	2019	24AAA542A003
562	91st Ave	AC-1/DIGESTER CONTROL		Split	3.5	CARRIER	2019	FX4DNF043L00
563	91st Ave	ELECTRICAL ROOM		Pkg	10	TRANE	2020	WSC120H4R0A0400B2
564	91st Ave	LIBRARY		Pkg	10	TRANE	2008	THC120A4R0A2N000000D
565	91st Ave	LUNCH ROOM		Pkg	10	CARRIER	2011	50TC-D12A2A6A0A0A0
566	91st Ave	PLANNERS/LOCKER RM		Pkg	10	CARRIER	2021	50TC-D14A2A6A0A0G0
567	91st Ave	SUPERVISOR OFFICE		Split	5	Trane	2017	4TWA4060A4000AA
568	91st Ave	SUPERVISOR OFFICE		Split	5	Trane	2017	TAM4A0C6055IEDA
569	91st Ave	USER TECH. OFFICE		Split	10	TRANE	2020	TTA12044CAB01AE0
570	91st Ave	USER TECH. OFFICE		Split	10	TRANE	2020	TWE12043AAA03A00000
571	91st Ave	TOOL ROOM		Pkg	3	CARRIER	2014	50HC-A04A2A6A0A0A0



572	91st Ave	ELEC. -AC-WAREHOUSE		Pkg	15	TRANE	2019	GEVE18041H0DB0TBG01110040000001PXD
573	91st Ave	2H NORTHSIDE		Pkg	15	TRANE	2021	GEVE18042H0AB0TBD0101001
574	91st Ave			Split	5	CARRIER	1993	38CK06040
575	91st Ave			Split	5	CARRIER	1993	400BQ060500
576	91st Ave	SOLIDS CONTROL/BREAK RM		Pkg	10	TRANE	2010	TSC120E4R0B0VA00000000
577	91st Ave	SOLIDS CONTROL/MCC		Pkg	5	CARRIER	2010	50TC-A06A2A6A0A0A0
578	91st Ave	BOOSTER ROOM		Pkg	5	SCIENTIFIC SYSTEM	2001	PACX-D-050-2-D-ICD2/SS/EC/DSI/SDI/LAC/OSA
579	91st Ave	S.O.B COMPUTER RM		Split	3	TRANE	2018	4TWR4036G1000AA
580	91st Ave	S.O.B COMPUTER RM		Split	3	TRANE	2018	TEM4A0C36S41SAA
581	91st Ave	DIGESTER CONTROL#2		Split	7.5	SCIENTIFIC SYSTEM	2001	CUXH-A-22-H-15.0-D-I-DSI-ICD2-CC-SS
582	91st Ave	DIGESTER CONTROL#2		Split	7.5	SCIENTIFIC SYSTEM	2001	AH10-H-DX-10-0-3500-D-NNN-CC/DSI/DSA/SS/MOD
583	91st Ave	AUXILLARY3G		Pkg	5	TRANE	2010	TSC060E4R0A0034
584	91st Ave	AUXILLARY3G		PHP	5	TRANE	2010	TSC060E4R0A0034
585	91st Ave	DAF 2 (7&8) MCC		Split	7.5	TRANE	2020	TWA09044DA01A503
586	91st Ave	DAF 2 (7&8) MCC		Split	7.5	TRANE	2020	TWE09043BAA04A000000
587	91st Ave	MCC		Split	3	TRANE	2017	4TTA4036A4000AA
588	91st Ave	MCC		Split	3	TRANE	2018	TEM4A0C36S41SAA
589	91st Ave	AC-1/DIGESTER CONTROL		Split	2	Carrier	2019	24AAA542A0030011
590	91st Ave	AC-1/DIGESTER CONTROL		Split	2	Carrier	2019	FX4DNF043
591	91st Ave	CONTROL ROOM		PHP	4	CARRIER	2015	50TCQA05A2A6A0A0A0

592	91st Ave	MCC		Pkg	3	TRANE	2017	TSC036E1E0A16A00
593	91st Ave	BEHIND TANKS		WSHP	5	TRANE	2016	GEVE06041G01B0TLD010002
594	91st Ave	MCC		Pkg	3.5	TRANE	2012	SCWH07542A1101J
595	91st Ave	COMPUTER ROOM		Pkg	10	CARRIER	2019	50XCW12BAJF6FA-1AA
596	91st Ave			PHP	4	TRANE	2017	TSC048G4R0A0100000
597	91st Ave	MCC		Pkg	5	TRANE	2015	TSC060E4E0A1M00000
598	91st Ave	LOCKER ROOM		PHP	2	TRANE	2020	4WHC4024A1000BA
599	91st Ave			Split	3	TRANE	2020	4TTA4036A4000AA
600	91st Ave			Split	3	TRANE	2020	TAM4A0A36531EDB
601	91st Ave	AUXSWITCHGEAR #4		PHP	5	TRANE	2017	TSC060G4R0A01
602	91st Ave	PLANT2A CONTROLBLDG		Pkg	7.5	TRANE	2017	TSC090F4R0A1F00000
603	91st Ave	MCC		Pkg	20	TRANE	2016	TSH240F4R0A0C00000000
604	91st Ave	MCC		Split	10	CARRIER	2011	38AUDA12A0A6A0A0A0
605	91st Ave	MCC		Split	10	CARRIER	2011	40RUAA12A2A6A0A0A0
606	91st Ave	C.O.B BREAKROOM		Pkg	5	TRANE	2010	4WCC3060A3000AA
607	91st Ave	C.O.B CONTROL ROOM		Pkg	4	TRANE	2010	4WCC3048A3000AA
608	91st Ave	I.T ROOM WEST UNIT		Split	5	CARRIER	2009	38QRR060-601
609	91st Ave	I.T ROOM WEST UNIT		Split	5	CARRIER	2009	40QAQ060--301-
610	91st Ave	I.T ROOM WEST UNIT		Split	5	CARRIER	2009	38QRR060-601
611	91st Ave	I.T ROOM WEST UNIT		Split	5	CARRIER	2009	40QAQ060-301

612	91st Ave	PLANT2 PRIMARY CONTROL		Pkg	5	TRANE	2021	TSC060G4R0A
613	91st Ave	PLANT2ASEC. CONTROLRM		Pkg	7.5	TRANE	2010	TSC090E4RGA08A0000000000
614	91st Ave	AC-2/MCC		Split	5	TRANE	2019	4TTA4060A4000AA
615	91st Ave	AC-2/MCC		Split	5	TRANE	2019	TEM4A060S51SB
616	91st Ave	BLDG 36		Pkg	5	TRANE	2019	THC067E4R0A0MA0B2
617	91st Ave	REUSE WATER PUMP ST. 2		Pkg	5	CARRIER	2010	50TC-A06A2A6A0A0A0
618	91st Ave	REUSE WATER PUMP STATION		Pkg	5	CARRIER	2010	50TC-A06A2A6A0A0A0
619	91st Ave	CL2 ELECICALRM		Pkg	7.5	TRANE	2003	WSC090A4R0A12A0C100003000
620	91st Ave	EASTMCC ROOM		Pkg	2	TRANE	2007	4TCC3024A1000AA
621	91st Ave	EH&S OFFICE AC		Pkg	4	CARRIER	1997	50HI-005-D14825-1
622	91st Ave	CHLORINATION RM		Pkg	5	TRANE	2017	TSC060G4R0A01
623	91st Ave	CHLORINE CONTROLRM		Pkg	3	TRANE	2019	GEVE03641G01B0TLD0101
624	91st Ave	ELEC. CONTROL ROOM		Split	3	Trane	2017	4TTR4037L1000AA
625	91st Ave	ELEC. CONTROL ROOM		Split	3	Trane	2017	TAM4A0A36S31SBB
626	91st Ave	B-42/PLANT3 PRIMARYCONTROL		Split	5	TRANE	2019	4TTA4060A4000AA
627	91st Ave	B-42/PLANT3 PRIMARYCONTROL		Split	5	TRANE	2019	TWE06041AAA-01A
628	91st Ave	REUSE WATER PUMP ST. 3		Split	5	TRANE	2012	4TTA3060D4000CA
629	91st Ave	REUSE WATER PUMP ST. 3		Split	5	TRANE	2012	TWE061D400AA
630	91st Ave	PLANT3ASEC. CONTROLRM		Pkg	15	TRANE	2020	GEVE18041H0AB0TFD01004
631	91st Ave	MCC		Pkg	7.5	TRANE	2020	GEV09041F0CA0TBD0101002

632	91st Ave	UNIT#9/ADMIN. LT ROOM		Pkg	3.5	CARRIER	2013	50ES-A42-30TP
633	91st Ave	ADMIN. TRAINING RM		Pkg	10	CARRIER	2021	50TC-D14A2A6A0A0G0
634	91st Ave	ADMIN. OFFICES		Pkg	10	CARRIER	2016	50HC-D11A2A6A0A0A0
635	91st Ave	ACU #4/ADMIN. HALLWAY		Pkg	10	CARRIER	2019	50TCD12A2A60A0G0
636	91st Ave	Unit #6/ADMIN. MEETING ROOM		Pkg	10	CARRIER	2004	50TFF012-F611
637	91st Ave	BREAKROOM		Pkg	10	Carrier	2018	50TCD12A2A6A0A0G0
638	91st Ave	ADMIN. LOBBY		Pkg	10	CARRIER	2011	50TC-D12A2A6A0A0A0
639	91st Ave	ADMIN. LAB AREA		Pkg	10	CARRIER	2016	50HC-D11A2A6A0A0A0
640	91st Ave	ADMIN. S.E.LAB		Pkg	5	CARRIER	2002	50TFF006-F63761
641	91st Ave	ADMIN. LAB OFFICE		Pkg	3.5	CARRIER	2009	50ES-042-311
642	91st Ave	MAIN SWITCHGEAR WEST		Pkg	10	TRANE	2017	WSC120E4R0A0T00010
643	91st Ave	MAIN SWITCHGEAR EAST		Pkg	12.5	TRANE	2018	TSD150G4R0A0E0
644	91st Ave	PLANT1 PRIMARY CONTROL		Pkg	3	TRANE	2014	TSC036E3R0A1KD000A1A
645	91st Ave	AUX SWITCHGEAR 1		Pkg	5	TRANE	2011	TSC060E4R0A15A004000
646	91st Ave	C.H.F MCC		Pkg	6	TRANE	2010	TSC072E4E0A0K00000
647	91st Ave	MAIN SWITCHGEAR WEST		Split	5	TRANE	2016	4TTR4060L1000AA
648	91st Ave	MAIN SWITCHGEAR WEST		Split	5	TRANE	2016	TAM4A0C60551EDA
649	91st Ave	1STFLOOR		Fan Coil	10	TRANE	2017	CSAA010UAL00
650	91st Ave	1STFLOOR		Fan Coil	21	TRANE	2017	CSAA021UAL00
651	91st Ave	1STFLOOR		Fan Coil	3	TRANE	2017	CSAA003UAL00



652	91st Ave	1STFLOOR		FC &AH Rt4	40	TRANE	2017	CSAA010UAL00
653	91st Ave	1STFLOOR		Fan Coil	3	TRANE	2017	CSAA003UAL00
654	91st Ave	1STFLOOR		FC &AH Rt4	4.5	TRANE	2018	BCHD054A2K0A3F02Z
655	91st Ave	1STFLOOR		Fan Coil	1.5	TRANE	2017	BCHD018A2K0A3NO2Z
656	91st Ave	ROOFTOP		FC &AH Rt4	40	TRANE	2017	CSAA040UBL00
657	91st Ave	ROOFTOP		Fan Coil	40	TRANE	2017	CSAA040UBL00
658	91st Ave	ODOR CONTROL FAC MCC		Pkg	12	TRANE	2012	TFD150F400BA
659	91st Ave	PLANT3BRAS/WAS		Pkg	15	TRANE	2014	TSH180F4R0A03000000
660	91st Ave	CONTACT BASIN 3		Pkg	2.5	TRANE	2020	4TCC4024A1000AB
661	91st Ave	ELECTRICAL ROOM		PHP	3	TRANE	2000	WCC036F400BF
662	91st Ave	EPASAMPLING STATION ROOM		PHP	2	Trane	2019	4WCC4024A1000AB
663	91st Ave	EFF CHEMICAL ANALYZER		PHP	2	Trane	2021	4WCC4024A1000AB
664	91st Ave	Guard Shack South		Mini Split	2	Mitsubishi	2017	PUZA24NHA7
665	91st Ave	Guard Shack South		Mini Split	2	Mitsubishi	2017	PLA-A24EA7
666	91st Ave	Guard Shack South		Mini Split	1.5	Sanyo	2010	CH0971
667	91st Ave	Guard Shack South		Mini Split	1.5	Sanyo	2010	KHS0971
668	91st Ave	Guard Shack North		Mini Split	2	Fuji	2019	AOU24RGLXAOU
669	91st Ave	Guard Shack North		Mini Split	2	Fuji	2019	AUU24RGLXAUU
670	91st Ave	Guard Shack North		Mini Split	1.5	Sanyo	2006	CH0971
671	91st Ave	Guard Shack North		Mini Split	1.5	Sanyo	2006	KHS0971

672	91st Ave	AC-1		Pkg	15	TRANE	2019	TSD180G4R0A
673	91st Ave	INFLUENT METERING/SMPL		Pkg	5	CARRIER	2012	50TC-A06A2A6A0A0A0
674	91st Ave	INFLUENT METERING/SMPL		Pkg	5	CARRIER	2012	50TC-A06A2A6A0A0A0
675	91st Ave	HEADWORKS MCC		Pkg	12.5	CARRIER	2019	50TCQD14A2A6A0A0G0
676	91st Ave	HP-1/UPO CHEM HAND. MCC.		Pkg	6	CARRIER	2021	50FCQM07A2A6A0A0A0
677	91st Ave	UPO CHEM HANDLING FAC.		Pkg	5	CARRIER	2019	50KCQA05A2A6B0A0A0
678	91st Ave	HP-1/UPO PRIMARY SLUDGE PUMP ST.		Pkg	5	CARRIER	2020	50GCQM06A2A6A0A0A0
679	91st Ave	HP-2/UPO PRIMARY SLUDGE PUMP ST.		Pkg	5	CARRIER	2020	50GCQM06A1A6A0A0A0
680	91st Ave	UPO PRIMARY EMERG GEN.		Pkg	8.5	TRANE	2018	WSC102H4R0A
681	91st Ave	UPO CENTRATE BLOWER		Pkg	4	TRANE	2018	WSC048H4R0A01000000
682	91st Ave	UPO CENTRATE BLOWER		Pkg	4	TRANE	2018	WSC048H4R0A01000000
683	91st Ave	HP1		Pkg	10	Carrier	2019	50TCQD12A2A6A0A0G0
684	91st Ave	HP-2/BLOWER BLDG 1 WEST MCC		Pkg	7.5	CARRIER	2020	50TCQD08A2A6A0A0G0
685	91st Ave	BLOWER BLDG 1 CONTROL RM		Pkg	4	CARRIER	2019	50KCQA05A2A6B0A0A0
686	91st Ave	UPO RAS/WAS		Pkg	10	CARRIER	2004	50HC-D11A2A6A0A0A0
687	91st Ave	HP2/UPO RAS/WAS		PHP	10	Carrier	2019	50TCQD12A2A6A0A0G0
688	91st Ave	UPO REUSEWATER LOAD		Pkg	6	CARRIER	2011	50TC-A07A2A6A0A0A0
689	91st Ave	UPO REUSEWATER LOAD		Pkg	6	CARRIER	2011	50TC-A07A2A6A0A0A0
690	91st Ave	HP-2/UPO MAIN SUBSTATION		Pkg	10	CARRIER	2018	50TCQD09A2A6A0A0G0
691	91st Ave	HP-2/UPO MAIN SUBSTATION		Pkg	10	CARRIER	2020	50TCQD09A2A6A0A0G0

692	91st Ave	AUXSWITCHGEAR		Pkg	5	CARRIER	2019	50FC-A06A2A6A0A0A0
693	91st Ave	TRES RIOS PUMP ST. WEST		Split	25	CARRIER	2021	38APD02765A18020
694	91st Ave	TRES RIOS PUMP ST. WEST		Split	25	CARRIER	2021	40RUA30A4A60A1A0
695	91st Ave	TRES RIOS PUMP ST. EASTSIDE		Split	30	CARRIER	2021	38APD03064A10020
696	91st Ave	TRES RIOS PUMP ST. EASTSIDE		Split	30	CARRIER	2021	40RUA30T1A6A0A0A0
697	91st Ave	TRES RIOS PUMP ST. EASTSIDE		Split	30	CARRIER	2021	38APD02765
698	91st Ave	TRES RIOS PUMP ST. EASTSIDE		Split	30	CARRIER	2021	40RUA30A4A60A1A0
699	91st Ave	TRES RIOS PUMP ST. WEST		Split	25	CARRIER	2020	38APD02765A18020
700	91st Ave	TRES RIOS PUMP ST. WEST		Split	25	CARRIER	2020	40RUA30A4A60A1A0
701	91st Ave	INSTRUMENT ROOM		Split	1.5	CARRIER	2009	38QRR018---3
702	91st Ave	INSTRUMENT ROOM		Split	1.5	CARRIER	2009	40QAQ024---301--
703	91st Ave	MCC		Split	2	CARRIER	2009	38QRR024---3
704	91st Ave	MCC		Split	2	CARRIER	2009	40QAQ024---301--
705	91st Ave	INSTRUMENT ROOM		Split	1.5	CARRIER	2009	38QRR024---3
706	91st Ave	INSTRUMENT ROOM		Split	1.5	CARRIER	2009	40QAQ024---301--
707	91st Ave	PRIMARYEMERG. GEN. RM		Pkg	10	TRANE	2010	TSC120E4R0B001G
708	91st Ave	CL2 EMER. GENERATOR ROOM		Pkg	12.5	TRANE	2011	TCD150F400AA
709	91st Ave	LOAD CENTER 4		Pkg	5	BARD	2020	W72AC-C0ZXP4X5J
710	91st Ave	LOAD CENTER P2S		Pkg	3	BARD	2010	W70A1-COZXPXX3J
711	91st Ave	MCC		Pkg	15	TRANE	2020	TCD330B40Y0A1BB1A

712	91st Ave	MCC		Pkg	27	CARRIER	2020	50A2-027-C-641AA
713	91st Ave	MCC		Pkg	27	CARRIER	2021	50A2-027-C-641AA
714	91st Ave	MCC		Split	6	TRANE	2010	TSC072E4R0A0N
715	91st Ave	GAS BOOSTER ROOM		Pkg	6	SCIENTIFIC SYSTEM	2001	PACX-H-050-2-D-ICD2-SS-EC-DSI-SDI-LAC--OSA
716	91st Ave	AUX SWITCHGEAR 6		Pkg	5	BARD	2021	W71A-A0ZXP4X3J
717	91st Ave	AUX SWITCHGEAR 2		Pkg	10	TRANE	2016	TSC120F4R0A1E000
718	91st Ave	MCC FAR NORTH		Pkg	4	BARD	2020	W48AC-C0ZXP4X5J
719	91st Ave	MCC SOUTH ODOR CONTROL		Pkg	5	EUBANK	2010	V460B00A1FDS-NB
720	91st Ave Cabinet Units	DCB-6/DECANT PUMP CONTROL		Cabinet	0.5	MCLEAN	2019	G520816G802
721	91st Ave Cabinet Units	DLB-6		Cabinet	0.5	MCLEAN	2019	N360616G802
722	91st Ave Cabinet Units	BLDG 10		Cabinet	1.5	MCLEAN	2007	MB6-0616-327
723	91st Ave Cabinet Units	BLDG 12		Cabinet	0.5	MCLEAN	1998	36-0616-327
724	91st Ave Cabinet Units	BLDG 16		Cabinet	0.5	MCLEAN	2002	MB6-0616-327
725	91st Ave Cabinet Units	BLDG 20		Cabinet	0.5	HOFFMAN	2004	A-128AC04T
726	91st Ave Cabinet Units	AC-1		Cabinet	0.5	MCLEAN	2019	N360616G802
727	91st Ave Cabinet Units			Cabinet		MCLEAN		MB6-0616-327
728	91st Ave Cabinet Units	BLDG 28		Cabinet	0.5	MCLEAN	2004	MB6-0616-327
729	91st Ave Cabinet Units	AC-1		Cabinet	0.5	MCLEAN	2019	N360616G802
730	91st Ave Cabinet Units	BLDG 36		Cabinet	1.5	MCLEAN	1999	HE-3316-101H
731	91st Ave Cabinet Units	BLDG 36		Cabinet	0.5	MCLEAN	2004	MB6-0616-327

732	91st Ave Cabinet Units	BLDG 36		Cabinet	0.5	THERMAL EDGE		NE0601264XB1C6
733	91st Ave Cabinet Units	BLDG 40		Cabinet	0.5	MCLEAN	2010	MB60616G-327
734	91st Ave Cabinet Units	AC-B		Cabinet	0.5	MCLEAN	2019	N360616G802
735	91st Ave Cabinet Units			Cabinet		MCLEAN	2000	HE-3316-101H
736	91st Ave Cabinet Units	OFFICE		Cabinet		THERMALAIR	2020	NE0601264XB1C6
737	91st Ave Cabinet Units			Cabinet		MCLEAN	2007	MB6-0616-327
738	91st Ave Cabinet Units	1STFLOOR		Cabinet	0.5	HOFFMAN	2019	CR290416G020
739	91st Ave Cabinet Units	1STFLOOR		Cabinet		HOFFMAN	2019	CR80416G802
740	91st Ave Cabinet Units	1STFLOOR		Cabinet	0.5	MCLEAN	2013	CR230216G032
741	91st Ave Cabinet Units	2ND FLOOR		Cabinet		NVENT		UNABLE TO ACCESS
742	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
743	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
744	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
745	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
746	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
747	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
748	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	HOFFMAN	2019	T531926G116
749	91st Ave Cabinet Units	2ND FLOOR		Wall Mnt	2	MCLEAN	2008	52-1926-082U
750	91st Ave Cabinet Units	2ND FLOOR		Wall Mnt	1.5	MCLEAN	2012	T53-1926-G116
751	91st Ave Cabinet Units	2ND FLOOR		Cabinet	2	MCLEAN	2006	CR23-0226-C032

752	91st Ave Cabinet Units	2ND FLOOR		Cabinet	2	MCLEAN	2006	52-1926-082U
753	91st Ave Cabinet Units	2ND FLOOR		Cabinet	2	MCLEAN	2009	52-1926-082U
754	91st Ave Cabinet Units	2ND FLOOR		Cabinet	2	MCLEAN	2007	CR23-0226-G032
755	91st Ave Cabinet Units	2ND FLOOR		Cabinet	2	MCLEAN	2009	52-1926-082U
756	91st Ave Cabinet Units	2ND FLOOR		Cabinet	2	MCLEAN	2009	52-1928-082U
757	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
758	91st Ave Cabinet Units	2ND FLOOR		Cabinet	1.5	NVENT	2019	T531926G116
759	91st Ave Cabinet Units	2ND FLOOR		Wall Mnt	1.5	NVENT	2014	T531926G116
760	91st Ave Cabinet Units	2ND FLOOR		Wall Mnt	1.5	NVENT	2016	T531926G116
761	91st Ave Cabinet Units	2ND FLOOR		Cabinet	2	THERMAL EDGE	2017	NE0601264XB1C3
762	91st Ave Cabinet Units	2ND FLOOR		Cabinet	0.5	MCLEAN	1998	36-0616-327
763	91st Ave Cabinet Units	3RD FLOOR		Cabinet	0.5	MCLEAN		MB6-0616-327
764	91st Ave Cabinet Units	AC-2		Cabinet	0.5	MCLEAN	2019	N360616G802
765	91st Ave Cabinet Units	UPO CHEMHANDL MCC		Wall Mnt	0.5	THERMAL EDGE	2021	NE0601264XB1C6
766	91st Ave Cabinet Units	BLDG 111		Cabinet	0.5	THERMAL EDGE	2021	NE0601264XB1C6
767	91st Ave Cabinet Units	BLDG 113		Cabinet	0.5	THERMAL EDGE	2021	NE0601264XB1C6
768	91st Ave Cabinet Units	BLDG 115		Cabinet	0.5	MCLEAN	2008	MB6-0616-327
769	91st Ave Cabinet Units	BLDG 116		Wall Mnt	0.5	MCLEAN	2007	MB6-0616-327
770	91st Ave Cabinet Units	PUMP STATION		Wall Mnt	0.5	MCLEAN	2009	MB6-0616-327
771	91st Ave Cabinet Units	PUMP STATION		Wall Mnt	0.5	MCLEAN	2011	MB60616G333

772	91st Ave Cabinet Units	NORTH		Cabinet		MCLEAN	2002	CR43-0826-038H
773	Cave Creek	BLDG 3 - Cabinet						UNABLE TO READ
774	Cave Creek	BLDG 3 - Cabinet						UNABLE TO READ
775	Cave Creek	BLDG 3 - Cabinet						UNABLE TO READ
776	Cave Creek	BLDG 3 - Cabinet						UNABLE TO READ
777	Cave Creek	BLDG 4 - Roof		Pkg	6	ICP	2015	RAS072L0AA0AAAA
778	Cave Creek	BLDG 5 - Roof		PHP	15	Trane	1999	WCD180B408EA
779	Cave Creek	Admin - Roof		PHP	7.5	Trane	2019	WSC090H4R0A
780	Cave Creek	Admin - Roof		PHP	4	Trane	1999	WCD048C40ABD
781	Cave Creek	Admin - Roof		PHP	4	Trane	1999	WCD048C40ABD
782	Cave Creek	Admin - Roof		PHP	7.5	Trane	2016	WSC090E4R0A0RA001A2
783	Cave Creek	Electric Shop - Roof		PHP	3	Trane	2020	WSC036H4R0A03000
784	Cave Creek	Electric Room - Roof		PHP	4	Trane	1999	WCD048C40ABD
785	Cave Creek	BLDG 5 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
786	Cave Creek	BLDG 5 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
787	Cave Creek	BLDG 5 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
788	Cave Creek	BLDG 5 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
789	Cave Creek	BLDG 6 - Ground		Split	7.5	Trane	2016	TTA090G400AA
790	Cave Creek	BLDG 6 - Ceiling		Split	7.5	Trane	2016	TWE090D300AB
791	Cave Creek	BLDG 6 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE-2816-001

792	Cave Creek	BLDG 6 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE-2816-001
793	Cave Creek	BLDG 8A- Ground		Split	7.5	Trane	1999	TTA072D400A0/
794	Cave Creek	BLDG 8A- Ceiling		Split	7.5	Trane	1999	TWE090A300CA
795	Cave Creek	BLDG 8A- Ground		Split	7.5	Trane	2016	TTA073G4H0AA
796	Cave Creek	BLDG 8A- Ceiling		Split	7.5	Trane	2016	TWE090A300CA
797	Cave Creek	BLDG 8A- Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
798	Cave Creek	BLDG 8A- Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
799	Cave Creek	BLDG 8A- Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
800	Cave Creek	BLDG 8A- Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
801	Cave Creek	BLDG 9A- Roof		PHP	6	Carrier	2016	50TCQA07A2A6A0A0A0A0
802	Cave Creek	BLDG 9A- Roof		PHP	6	Carrier	2017	50TCQA07A2A6A0A0A0A0
803	Cave Creek	BLDG 9A- Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
804	Cave Creek	BLDG 9A- Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
805	Cave Creek	BLDG 11 - Ground		Split	6	Trane	1999	TTA072D400A0
806	Cave Creek	BLDG 11 -Ceiling		Split	6	Trane	1999	TWE090A300CA
807	Cave Creek	BLDG 11 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
808	Cave Creek	BLDG 11 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
809	Cave Creek	BLDG 12 - Roof		Pkg	25	Trane	2016	THD300G4R0A040001A
810	Cave Creek	BLDG 12 - Roof		Pkg	25	Trane	2019	TSD300G4RPA0U
811	Cave Creek	BLDG 12 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001



812	Cave Creek	BLDG 12 - Wall Mnt		Heat Exch	1.5	McLean	1998	HE2816-001
813	Cave Creek	BLDG 14 - Ground		Split	7.5	Trane	1999	TTA090A400CC
814	Cave Creek	BLDG 14 - Ceiling		Split	7.5	Trane	1999	TWE090A300CA
815	Cave Creek	BLDG 14 - Cabinet		Heat Exch	1.5	McLean	1998	HE-2816-001
816	Cave Creek	BLDG 14 - Cabinet		Heat Exch	1.5	McLean	1998	HE-2816-001
817	Cave Creek	BLDG 18 - Wall Mnt		Pkg	1.5	McLean	2014	CR230216G015
818	1-B4			RTU	12.5	ICP	2017	RAS150L0CA0AAAA
819	1-B4			RTU	12.5	ICP	2017	RAS150L0CA0AAAA
820	1-ES1			RTU	2	Trane	2015	4WCC4024A1000AA
821	1-ES3			Split	5	Trane	2007	2TTA0060A4000AA
822	1-ES3			Split	5	Trane	2002	TTA060D400A1
823	1-ES3			Split	5	Trane	2016	4TTA3060D4000CA
824	1-ES3			EVAP	4500CFM	MASTERCOOL	2019	ADA5112
825	1-ES4			Split	3.5	Daikin	2021	RZQ42TAVJU
826	2S-ES1			Split	3.5	Carrier	2020	RAV-SP420A12-UL
827	3A-ES1			Split	3	Daikin	2021	RX36NMMJUA
828	3A-ES2			Split	3	Fujitsu	2015	ASU36RLXB
829	3SE-ES1			Split	3	Carrier	2020	RAV-SP360A12-UL
830	3SE-ES2			Split	3	Carrier	2020	RAV-SP360A12-UL
831	3SE-ES3			Split	3	Carrier	2019	38MAQB36R--3

832	3S-ES1			Split	3	Carrier/Toshiba	2020	RAV-SP360AT2-UL
833	4A-B11			RTU	12.5	Trane	2022	TSH150G4R0C4J5C
834	4A-B11			RTU	12.5	Trane	2022	TSH150G4R0C4J5C
835	4A-B11			RTU	12.5	Trane	2022	TSH150G4R0C4J5C
836	4A-B9			RTU	27.5	TRANE	2022	TCH330B401B1CE
837	4A-B9			RTU	27.5	TRANE	2022	TCH330B401B1CE
838	4A-ES5			Split	3	Daikin	2021	R2Q36TAVSUA
839	4A-W296			RTU	4	Trane	2006	THCB48AYE0A1M020
840	4A-W296			RTU	4	Trane	2005	THC048A4E0A1020
841	4SC-ES1			Split	3	Daikin	2021	RX36NMMJUA
842	52nd St. Yard			Split	2.5	Ruud	1988	UAFD-030JAS
843	52nd St. Yard			Split	3	Lennox	2015	MPB036545-1P
844	52nd St. Yard			Split	2	Carrier	1989	38YH024300
845	52nd St. Yard			Split	5	Carrier	2018	25HHA460A500
846	52nd St. Yard			RTU	4	Trane	2023	WSC048HR0A2F0001
847	52nd St. Yard			RTU	4	Trane	2023	4WCZ6048B4000AB
848	52nd St. Yard			RTU	2.5	Trane	2020	4WHC4030A1000BA
849	52nd St. Yard			RTU	3	Trane	2012	4YCC36A3064BA
850	52nd St. Yard			RTU	3	Trane	2019	WSC036H4R0A030000
851	52nd St. Yard			RTU	3	American Standa	2007	2WCX3030A1000AA

852	52nd St. Yard			Split	1	Daikin	2023	RX12BXVJU
853	52nd St. Yard			Split	7.5	Trane	2016	TWA090D30RAB
854	52nd St. Yard			Split	2.5	RUUD	1989	UAFD-030JAS
855	52nd St. Yard			RTU	12.5	Trane	2023	WSJ150A4500020
856	52nd St. Yard			RTU	12.5	Trane	2023	WSJ150A4500020
857	5ED-B1			RTU	40	Trane	2020	TCD480B40Y6B2HC10000
858	6A-B1			RTU	15	Trane	2023	TSJ180A4S
859	6A-B1			RTU	15	Trane	2021	TSH180G4R0C17
860	6A-ES1			RTU	2.5	Daikin	2021	DP14HH3041AE
861	6B-B1			RTU	35	York	2017	V4C014AAD3A1BDBAAI
862	7A-B1			RTU	15	Trane	2019	WSH180E4R0B0X0001
863	7A-B1			RTU	15	Trane	2019	WSH180E4R0B0X0001
864	7A-W290			RTU	5	AAON	2021	RQ-005-1-M-GB02-000
865	7B-B1			Split	5	Trane	2019	4TTA060A4000AB
866	7B-B1			Split	5	Trane	2020	4TTA060A4000AB
867	8A-B1			RTU	12.5	Trane	2018	WSH150E4R0B0J000A
868	8A-B1			RTU	12.5	Trane	2014	WSH150E4R0A030
869	8A-W276			RTU	5	AAON	2021	RQ-005-1-H-GB02-000
870	Area 1 Yard			Split	5	Trane	2021	4TWR4060Q1000AC
871	Area 1 Yard			Split	5	Trane	2020	4TWR4060G1000AC

872	Area 1 Yard			Split	4	Daikin	2021	TEM4A0CY8S415BA
873	Area 3 Yard			RTU	3	Trane	2025	4WCY036B3000AB
874	Area 3 Yard			RTU	5	Trane	2016	4WCZ6060B3000AA
875	Area 3 Yard			RTU	4	Trane	2019	4WCY4048A3000CA
876	Area 4 Yard			RTU	12.5	TRANE	2024	WSJ150A4S0002
877	Campbell Yard			Split	3	Daikin	2021	DZ14SA0363AA
878	Campbell Yard			Split	4	Daikin	2021	DX14SA0481AE
879	Campbell Yard			Split	4	Daikin	2021	DX14SA0481AE
880	Campbell Yard			Split	5	Daikin	2021	DZ14S8A0603AB
881	Campbell Yard			Split	2	ICP/Carrier	2006	R2H324GKR400
882	Campbell Yard			Split	3	Daikin	2021	4MX536RMJUA
883	Cave Creek Yard			RTU	3	Trane	2020	WSC036H4R0A030
884	Cave Creek Yard			RTU	3	Trane	2020	WSC036H4R0A030
885	Cave Creek Yard			RTU	3	Trane	2020	WSC036H4R0A0000
886	Cave Creek Yard			WMU	3	Trane	2016	WSC036E4R0A1M0
887	Cave Creek Yard			WMU	5	Trane	2020	WSC060H4R0A030000
888	Cave Creek Yard			RTU	5	Trane	2020	WSC060H4R0A030000
889	Cave Creek Yard			RTU	5	Trane	2020	WSC060H4R0A030000
890	Cave Creek Yard			RTU	4	Trane	2020	WSC048H4R0A030000
891	Cave Creek Yard			RTU	5	Trane	2020	WSC060H4R0A030000

892	Cave Creek Yard			RTU	5	Ruud	2013	RJNL-A060DL
893	Cave Creek Yard			RTU	5	Rheem	2008	RJNA-A060CK
894	Cave Creek Yard			RTU	1.5	Trane	2020	4WCY5024A1000AC
895	Cave Creek Yard			RTU	3	Trane	2008	4TCC3036A1000AA
896	Cave Creek Yard			RTU	3	Trane	2013	WSC036E4R0A1F
897	Cave Creek Yard			RTU	2	Trane	2012	4WCC3024B1600A
898	Cave Creek Yard			RTU	7.5	Trane	2005	YHC092A4EMAIMD
899	Cave Creek Yard			RTU	7.5	Trane	2005	YHC092A4EMAIMD
900	Cave Creek Yard			RTU	7.5	Trane	2005	YHC092
901	Cave Creek Yard			RTU	2	Trane	2020	4WCY5024A1000AC
902	Cave Creek Yard			RTU	3	Trane	2010	4WCC3036AH000AA
903	Cave Creek Yard			RTU	2	Trane	2020	4WCY5024A1000AC
904	Cave Creek Yard			Split	2	LG	2017	LSU243HLV
905	Corona Yard			VRF COND	12	Mitsubishi	2019	PURY-P144TJMUA
906	Corona Yard			VRF EVAP	2.2	Mitsubishi	2019	PEFY-P27NMHU-E
907	Corona Yard			VRF EVAP	3	Mitsubishi	2019	PEFY-P36NMHU-E
908	Corona Yard			VRF EVAP	6	Mitsubishi	2019	PEFY-P72NMHU-E
909	LS-40			RTU	15	Carrier	2013	50TC-D20A1A6A0A0A0
910	LS-40			RTU	10	Trane	2009	TSC120E1R0A0N0
911	LS-41			RTU	25	Trane	2012	TCH300F400BB

912	LS-41			RTU	25	Trane	2016	THH300G4R0A040001
913	LS-42			RTU	5	Carrier	2020	50FC-A06A1A6A0A0A0
914	LS-42			RTU	5	ICP	2016	RHS060L0CA0AAAA
915	LS-43			RTU	25	Trane	2015	THH300G4R0A0400010
916	LS-43			RTU	25	Trane	2013	TSH300F4R0A030
917	LS-47			WMY	5	Marvair	2019	HPVAZ4HPK060N7BU-A5200
918	LS-66			RTU	6	ICP	2016	RHS072L0CA0AAAA
919	LS-66			RTU	6	Carrier	2020	50TCQA07A2A6B0A0G0
920	Morton Yard			RTU	2.5	Goodman	2018	GPG1430060M41BA
921	Morton Yard			RTU	5	Trane	2010	YCC3060A1096AB
922	Reservoir Yard			RTU	7.5	Trane	2024	WSC092H3R0B2F
923	Reservoir Yard			RTU	4	Trane	2023	4WCY4048A300CB
924	Reservoir Yard			RTU	5	Trane	2023	4WCZ6048B3000AB
925	Reservoir Yard			Split	1.5	Carrier	2021	38MARBQ18AA3



## **ATTACHMENT A – PRICING PROPOSAL TEMPLATE**

**SEE ATTACHEMENT “A” TITLED “PRICING PROPOSAL TEMPLATE” ON A SEPARATE FILE**



### ATTACHMENT B - REFERENCES

**1. OFFEROR'S NAME:** \_\_\_\_\_

**Instructions to Offeror:** The Offeror is to provide three verifiable professional references. This two-page form should be provided to each reference, and the form must be returned to the Procurement Officer directly by the reference. Emphasis should be placed on providing references that can further demonstrate the Offeror's experience and ability to meet the requirements outlined in the Scope of Work.

**Instructions for Reference:** Please return the completed form (via email) to Procurement Officer Victor Sainz at [Victor.Sainz@phoenix.gov](mailto:Victor.Sainz@phoenix.gov). Please include the solicitation #, and the name of the offeror in the email subject line. This reference form must be received by the Procurement Officer no later than the solicitation deadline: **2:00 p.m. Phoenix local time on, April 14, 2025.**

If you are unable or unwilling to complete the reference questionnaire, please notify the company that sent you this reference form as soon as possible so they may select another reference.

**2. Information to be filled out by Offeror's Reference:**

Company Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Contact Email: \_\_\_\_\_

Contact Phone No.: \_\_\_\_\_

Contract No. (if applicable) \_\_\_\_\_

Contract Description: \_\_\_\_\_

Aggregate Spend of Contract		Begin Date:		End Date:	
What goods/services did the vendor provide your organization?					
Contractor's Performance: <input type="checkbox"/> In Good Standing: <input type="checkbox"/> Not In Good Standing					

A person or organization in **good standing** is regarded as having complied with all their explicit obligations, while not being subject to any form of sanction, suspension or disciplinary censure.





**3. Reference Questionnaire**

- a. How would you rate the quality of the service delivered by the vendor?
  - There was one or more major consideration of the requirement(s) not addressed
  - Met the requirement(s) outlined in the contract
  - Fully addressed requirements; provided solutions or service beyond expectations.
  
- b. Did the vendor provide its services and deliverables in a timely manner?
  - No, almost always late
  - Fairly timely
  - Yes, on time or better
  
- c. How effectively did the vendor work with you and your project staff?
  - Less than expected
  - To the extent expected
  - More than expected
  
- d. How would you rate the vendor's responsiveness to questions and issues raised during the contract period?
  - Less than expected
  - To the extent expected
  - More than expected
  
- e. How does this vendor compare to other vendors you have used for a similar service?
  - Less than expected
  - To the extent expected
  - More than expected

Please provide any additional comments below:

**Please print, sign, date and return the form to the Procurement Officer listed on the preceding page. The form may be signed with an electronic signature. If signed electronically, it must be signed from a verifiable source, such as Adobe Sign, DocuSign or a similar verifiable software program.**

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Signature	Date
Print Name	Title

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**ATTACHMENT C – WARRANTY INFORMATION**

<b>Item #</b>	<b>Manufacturer Name</b>	<b>Repair Warranty</b>	<b>New Equipment Manufacturer Warranty</b>
1	AAON		
2	Adobear		
3	American Standard		
4	BARD		
5	CARRIER		
6	Champion Cooler		
7	Cook		
8	CSA		
9	DAIKIN		
10	DAY & NIGHT		
11	Dayton		
12	ELECTROLUX		
13	ENERGY LABS		
14	ENVIROMENTAL TECH		
15	EUBANK		
16	FEDDERS CORP		
17	FRIEDRICH		
18	FRIGIDAIRE		
19	FUJITSU		
20	GOODMAN		
21	Greenheck		
22	HeatFlo		
23	HOFFMAN		
24	IceQube		
25	ICP		
26	IMPCO		
27	Jenco		
28	JOHNSON CONTROLS		
29	Kanalfakt		
30	KOOLTONIC		
31	LENNOX		
32	LG		
33	LIEBERT		
34	Loren Cook		

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35	MARVAIR		
36	Mastercool		
37	MCLEAN		
38	MCQUAY		
39	McSeam		
40	MITSUBISHI		
41	PennBerry		
42	PENTAIR		
43	Pfannenbergl		
44	Reznor		
45	Rheem		
46	Ruud		
47	SANYO		
48	SCIENTIFIC SYSTEM		
49	SPLIT		
50	THERMAL EDGE		
51	THERMAL-ZONE		
52	Trade Winds		
53	TRANE		
54	UMP		
55	VMP		
56	WaterCool		
57	Warren		
58	YORK		
59	Miscellaneous		

**ATTACHMENT D - OFFER**

(please complete, sign, and return with the submittal)

**TO THE CITY OF PHOENIX** - The Undersigned hereby offers and agrees to furnish the material and or service(s) in compliance with all terms, conditions, specifications, and addenda issued as a result of a solicitation.

Arizona Sales Tax No. \_\_\_\_\_  
 Use Tax License No. for Out-of-State \_\_\_\_\_  
 Arizona Corporation Commission File No. \_\_\_\_\_

Taxpayer's Federal Identification No.: If recommended for contract award, Offeror agrees to provide its federal taxpayer identification number or as applicable its social security number to the City of Phoenix for the purposes of reporting to appropriate taxing authorities, monies paid by the City of Phoenix under the awarded contract. If the Offeror provides its social security number, the City will only share this number with appropriate state and federal officials. This submission is mandatory under 26 U.S.C. § 6041A.

<p><b>Enter City's Registration System ID Number</b>          Located at City's eProcurement website (see SECTION 2          – INSTRUCTIONS - CITY'S REGISTRATION)</p>	
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Offeror has read, understands, and will fully and faithfully comply with this solicitation, its attachments and any referenced documents. Offeror certifies that the prices offered were independently developed without consultation with any other Offeror or potential Offerors.

\_\_\_\_\_  
 Authorized Signature

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Print Name and Title  
*(President, Manager, Member)*

\_\_\_\_\_  
 Offeror Legal Name and Company Type  
*(LLC, Inc., Sole Proprietor)*

Street Address: \_\_\_\_\_  
 City, State, Zip Code: \_\_\_\_\_  
 Telephone Number: \_\_\_\_\_  
 Email Address: \_\_\_\_\_

## ATTACHMENT E - CONFLICT OF INTEREST AND TRANSPARENCY FORM

(please complete, sign, and return with the submittal)

This form must be signed and submitted to the City and all questions must be answered (or N/A) or your Offer may be considered non-responsive.

**1. Name of person submitting this disclosure form.**

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First	MI	Last	Suffix
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**2. Contract Information**

Solicitation # or Name:

**3. Name of individual(s) or entity(ies) seeking a contract with the City (i.e. parties to the Contract)**

--

**4. List any individuals(s) or entity(ies) that are owners, partners, parent, sublessees, joint venture, or subsidiaries of the individual or entity listed in Question 3. Please include all Board members, executive committee members and officers for each entry. If not applicable, indicate N/A.**

--

**5. List any individuals or entities that will be subcontractors on this contract or indicate N/A.**

- Subcontractors may be retained, but not known as of the time of this submission.
- List of subcontracts, including the name of the owner(s) and business name:

--

**6. List any attorney, lobbyist, or consultant retained by any individuals listed in Questions 3, 4, or 5 to assist in the proposal or seeking the resulting contract. If none, indicate N/A.**

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**7. Disclosure of Conflict of Interest:****A. City Code Section 43-34**

Are you aware of any fact(s) with regard to this solicitation or resulting contract that would raise a “conflict of interest” issue under City Code Section 43-34?

“An elected City official or a City employee shall not represent any person or business for compensation before the City regarding any part of a procurement, including any resulting contract, if during the time the elected official is or was in office or the employee is or was employed by the City such elected official or employee played a material or significant role in the development of the solicitation, any other part of the procurement, or the contract award.”

- I am not aware of any conflict(s) of interest under City Code Section 43-34.
- I am aware of the following potential or actual conflict(s) of interest:

**B. ARS Sections 38-501 et. Seq. & City Charter Chapter 11**

State law and the Phoenix City Charter and Code prohibit public officers or employees, their close relatives, and any businesses they, or their relatives, own from (1) representing before the City any person or business for compensation, (2) doing business with the City by any means other than through a formal procurement, and (3) doing business with the City without disclosing that the person has an interest in the contract. This prohibition extends to subcontracts on City contracts and also applies to parent, subsidiary, or partner businesses owned by a public officer or employee. See A.R.S. Sections 38-501 through 38-511, for more information (City Charter, Chapter 11, applies the state conflict-of-interest law to City employees).

Please note that any contract in place at the time a person becomes a public officer or employee may remain in effect. But the contract may not be amended, extended, modified, or changed in any manner during the officer’s or employee’s city service without following city administrative regulations.

Are you aware of any fact(s) with regard to this contract that would raise a “conflict of interest” issue under A.R.S. Sections 38-501 through 38-511 (See Arizona Revised Statutes regarding conflict of interest at [www.azleg.gov](http://www.azleg.gov)).

- I am not aware of any conflict(s) of interest under Arizona Revised Statutes Sections 38-501 through 38-511.
- I am aware of the following conflict(s) of interest:

## 8. Acknowledgements

### A. Solicitation Transparency Policy – No Contact with City Officials or Staff During Evaluation

- I understand that a person or entity who seeks or applies for a city contract, or any other person acting on behalf of that person or entity, is prohibited from contacting city officials and employees regarding the contract after a solicitation has been posted.
  
- This “no-contact” provision only concludes when the contract is awarded at a City Council meeting. If contact is required with City official or employees, the contact will take place in accordance with procedures by the City. Violation of this prohibited contacts provision, set out in City Code Sections 2-190.4 and 43-36, by respondents, or their agents, will lead to **disqualification**.

### B. Fraud Prevention and Reporting Policy

- I acknowledge that the City has a fraud prevention and reporting policy and takes fraud seriously. I will report fraud, suspicion of fraud, or any other inappropriate action to: telephone no. 602-261-8999 or 602-534-5500 (TDD); or [aud.integrity.line@phoenix.gov](mailto:aud.integrity.line@phoenix.gov).

The purpose of the fraud policy is to maintain the City's high ethical standards. The policy includes a way for our business partners to report wrongdoing or bad behavior. Suspected fraud should be reported immediately to the Phoenix Integrity Line. The City has adopted a zero-tolerance policy regarding fraud.

### OATH

I affirm that the statements contained in this form, including any attachments, to the best of my knowledge and belief are true, correct, and complete.  
 Should any of the answers to the above questions change during the course of the contract, particularly as it relates to any changes in ownership, applicant agrees to update this form with the new information within 30 days of such changes. Failure to do so may be deemed a breach of contract.

PRINT NAME

TITLE

SIGNATURE

DATE

COMPANY (CORPORATION, LLC, ETC.) NAME and DBA

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## ATTACHMENT F - COSTS AND PAYMENTS

(please complete and return with the submittal)

**PAYMENT TERMS & OPTIONS:** Vendors must choose an option, if a box is not checked, the City **will default to 0% - net 45 days:**

\_\_\_\_ Contractor offers a prompt payment discount of either \_\_\_\_\_% - 30 days or 0% – 45 days - to apply after receipt of invoice or final acceptance of the products (invoice approval), whichever date is later, starts the 30 days. If no prompt payment discount is offered, the default is 0%, net 45 days; effective after receipt of invoice or final acceptance of the products, whichever is later. **Payment terms offering a discount will not be considered in the price evaluation of your offer.**

\_\_\_\_ Contractor may be paid immediately upon invoice approval, if enrollment is made to the Single Use Account (SUA) Program, administered by the City's servicing bank ("Bank"). By checking this box, the vendor accepts transaction costs charged by their merchant bank and agrees not to transfer to the City those extra charges. The City will not pay an increase in our services for the SUA charges; if an audit uncovers an upcharge for the SUA charges the vendor will owe the City all costs. The vendor may opt-out of the SUA program once, but then may not rejoin during the same contract term. **For more information about the SUA program or to enroll, send email to [mailbox.sua@phoenix.gov](mailto:mailbox.sua@phoenix.gov).**



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**ATTACHMENT G - CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND  
OTHER INELIGIBILITY AND VOLUNTARY EXCLUSION**

(please sign and return with the submittal)

The prospective participant (Contractor for a federally funded project) certifies, by submission of this solicitation and certification, that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency. Where the prospective participant is unable to certify to any of the statements in this certification, such participant shall attach an explanation to this solicitation.

THE PARTICIPANT (Contractor for a federally funded project), CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. 3801 ET SEQ. ARE APPLICABLE THERETO.

\_\_\_\_\_  
Authorized Official Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title of Authorized Official

\_\_\_\_\_  
Date

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**ATTACHMENT H - ACCEPTANCE OF OFFER**

The Offer is hereby accepted.

The Contractor is now bound to sell the material(s) or service(s) listed by the attached contract and based upon the solicitation, including all terms, conditions, specifications, amendments, etc. and the Contractor's Offer as accepted by the City.

This contract shall henceforth be referred to as Contract No. \_\_\_\_\_. The Contractor has been cautioned not to commence any billable work or provide any material or service under this contract until Contractor receives purchase order, or contract documentation.

**CITY OF PHOENIX**

A Municipal Corporation  
Jeffrey Barton, City Manager

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Director or delegate:

Title:

Department:

Attest:

\_\_\_\_\_ this \_\_\_\_ day of \_\_\_\_\_ 2025

City Clerk

Approved as to form this 19th day of January 2017. This document has been approved as to form by the City Attorney and is on file with the City Clerk. It need not be submitted to the City Attorney for approval unless the form document is altered.