



PIMA COUNTY NOTICE OF INVITATION FOR BIDS (IFB)

Solicitation Number: 37378 Title: Chiller Maintenance and Repair Services

DUE IN AND OPENS: MARCH 28, 2012 AT 10:00 AM MST -TUCSON, AZ TIME

Submit Bid to:

Pima County Procurement Department
130 West Congress, 3rd Floor, Receptionist
Tucson, Arizona 85701

Pre-Bid Conference: March 14, 2012 at 10:00 AM MST

Pima County Procurement Department
130 West Congress, 3rd Floor
Tucson, Arizona 85701

SOLICITATION: Pima County is soliciting bids from Respondents qualified, responsible and willing to provide the following Goods and/or Services in compliance with all solicitation specifications and requirements contained or referenced herein.

GENERAL DESCRIPTION: To provide Pima County with Chiller Maintenance and Repair Services on an as needed basis as per specifications called for herein. The Facilities management Department has estimated the five (5) year total amount of expenditures at approximately \$700,000.00. SBE requirements will apply.

You may download a full copy of this solicitation at www.pima.gov/procure/ifbrfp.htm by selecting the solicitation number. Respondents are required to check this website for addenda prior to the Due In and Opens date to assure that the bid incorporates all addenda. Prospective Respondents may also pick up a copy, Monday through Friday excluding legal holidays, 8 am to 5 pm Tucson, Arizona time, at the address listed above.

A Pre-Bid Conference will be held for the purpose of clarifying requirements and answering prospective respondent questions. It is the responsibility of Prospective Respondents to familiarize themselves with all requirements of the solicitation and to identify any issues at the conference. Attendance is optional, but strongly recommended and encouraged.

Bids shall be submitted as defined in the Instructions to Bidders, in accordance with the Standard Terms and Conditions, and all solicitation documents either referenced or included herein. Failure to do so may be cause for rejection as *non-responsive*.

Bidders must complete and return those documents identified in the Instruction to Bidders Submission of Bids instruction.

Bids may not be withdrawn for **60** days after opening except as allowed by Pima County Procurement Code.

Bonds are not required.

RESPONDENTS ARE REQUIRED TO READ THE ENTIRE SOLICITATION, INCLUDING ALL REFERENCED DOCUMENTS, ASSURES THAT THEY CAN AND ARE WILLING TO COMPLY, AND TO INCORPORATE ALL ASSOCIATED COSTS IN THEIR BID.

Questions and Deviation requests shall be submitted in writing to the Procurement Department, Attention: John Nanosky. All submittals shall reference the Solicitation Number and Title; Questions or Deviation Requests submitted within eight (08) days of the solicitation *Due in and Opens Date* may not be answered.

Telephone: (520) 742-8165 Fax: (520) 742-6513 email: John.nanosky@pima.gov

USPO Mail to the following address:

Pima County Procurement Department, 130 W. Congress, 3rd Floor; Mailstop# DT-AB3-126, Tucson, AZ 85701

VERBAL REQUESTS FOR CLARIFICATIONS OR INTERPRETATIONS WILL NOT BE ACCEPTED.

John Nanosky
Commodity/Contracts Officer

Publish: The Territorial: March 8, 9, 12, and 13, 2012

INSTRUCTIONS TO BIDDERS

FAILURE TO COMPLY MAY CAUSE THE BID TO BE IMPROPERLY EVALUATED OR DEEMED NON-RESPONSIVE

1. PREPARATION OF RESPONSES

All bids shall be made using the forms provided in this package. All prices and notations must be printed in ink or typewritten. **No erasures are permitted.** Errors may be crossed out and corrections printed in ink or typewritten adjacent to error and shall be initialed in ink by person signing the bid. Typewritten responses are **preferred**.

All bids shall as appropriate indicate the registered trade name, stock number, and packaging of the items included in the bid. Surety, if required by this solicitation, may be in the form of a bond, cashier's check or certificate of deposit made payable to *Pima County*. Personal or company checks are not acceptable.

2. OFFER AGREEMENT (Contract) Chiller Maintenance and Repair Services (8 pages)

The attached or referenced Offer Agreement when completed, signed and submitted by the Offeror is a binding offer that results in a legal contract when accepted and executed by Pima County as defined by this solicitation. The Offer Agreement document must be completed and signed by an authorized representative certifying that the firm can and is willing to meet all requirements of the solicitation.

Supplier Minimum Qualifications:

Supplier Minimum Qualifications are intended to establish the respondent's capacity and responsibility for providing the services or products solicited. To be evaluated and considered for award of contract the Offeror shall submit with the Offer Agreement all documents specified in article 3. *Supplier Minimum Qualifications* of the Offer Agreement. If requested by article 3, the Offeror shall denote in article 3 of the Offer Agreement the license numbers/descriptions and other information requested.

Unit Prices & Bid Certification:

Respondents shall fully complete and sign article 7. Compensation & Payment and article 16. Bid/Offer Agreement certification sections of the Offer Agreement utilizing the forms provided by this solicitation.

Unless otherwise stated, a Unit Price shall be given for all items defined by the Offer Agreement Unit Prices schedule. Requested information and data shall be provided in the precise manner requested. Product descriptions shall provide sufficient information to precisely document the product being offered. All unit prices shall remain firm for the initial term of the executed agreement, with the exception that should seller during the term of the agreement offer to another buyer pricing for like or similar quantity, products or services at price more favorable than those given to Pima County ("COUNTY"), that seller shall offer same pricing to County effective on the date offered to other buyer. Unit prices given by respondent shall include all costs (excluding sales tax) required to implement and actively conduct and document cost control and reduction activities. Unit Prices shall include all costs incidental to the provision of the requirements defined by the solicitation and Offer Agreement and unless otherwise specified by the Delivery Article shall be F.O.B. Destination & Freight Prepaid Not Billed ("F.O.B. Destination"), no additional payments will be invoiced or paid. Unit prices shall prevail in the event of an extension error. Price each item separately. Delivery time if stated as a number of days shall mean "calendar" days.

COUNTY reserves the right to question, clarify and correct obvious errors.

3. SPECIFICATIONS & DEVIATIONS

The specifications included in this solicitation are intended to identify the kind and quality of goods and/or services to be provided without being unnecessarily restrictive, and as required to provide the information needed for the development of consistent and comprehensive bids, evaluation of bids and to efficiently support the subsequent ordering, invoicing and payment processes.

Items included in the bid shall satisfy all specifications and requirements set forth by the County's Offer Agreement. Equipment brand names, models and numbers, when given are intended to identify a level of quality, equivalent performance and dimensional specifications, and are for reference only, unless otherwise specified by the County's Offer Agreement. Failure to perform appropriate research, discovery, examine any drawings, specifications, and instructions will be at the respondent's sole risk.

Deviation/Equivalent Part or material requests shall specifically document and clearly illustrate the deviation to the specification, or the requirement, set forth by this solicitation and fully explain the requested deviation's impact on the end performance of the item.

INSTRUCTIONS TO BIDDERS (continued)

Acceptance or rejection of any deviation/ equivalent part/material request shall be at the sole discretion of the County and will be made in writing by the County via specific addendum of the solicitation and Offer Agreement as applicable. Respondents shall complete article 13. *Acknowledgement of Solicitation Addenda* of the Offer Agreement prior to submission.

Bidders are advised that conditional offers or notations on the documents submitted that do not conform to or that request exceptions to the published solicitation and addenda may be considered non-responsive and not evaluated.

All equipment shall be models of current production, latest design and technology, new and unused unless otherwise specified.

Manufacturer and supplier documentation, including and not limited to the following shall be provided by the successful respondent not later than 14 days after request by the County and at no additional cost; warranty; caution-informational warnings; recommended maintenance schedule and process; recommended spare parts list; operating, technical and maintenance manuals including drawings, if appropriate; product brochures; and material safety data sheets (MSDS).

4. SUBMISSION OF BIDS

Submissions are binding offers and will result in a binding contract upon acceptance by Pima County by issue of a properly executed contract document referencing said offer.

The submittal shall include all information requested by the solicitation, and utilize without modification the forms provided by the solicitation. Respondents are to complete, execute and submit **one original and one copy** of the following bid documents:

SIGNED OFFER AGREEMENT with completed Item Unit Prices and documents or media defining other items within the scope of the agreement with Unit Prices and Discount Percentages, or Discounted Prices offered; Provide Addenda acknowledgement, tax, & contact information and SBE information.

Insurance Certification Documents

Bids must be received and time stamped at the specified location at or before the Bid Due Date/Time as defined by the *Invitation for Bid*. The "time-stamp" provided by the County shall be the official time used to determine the timeliness of the submittal. Bids and modifications received after the Bid Due Date/Time will not be accepted, or will be returned unopened. Timely submittals will be opened and recorded promptly after the Bid Due Date/Time.

Bids must be signed by an authorized agent of the respondent and submitted in a sealed envelope marked or labeled with the respondent firm name, solicitation number, title, solicitation due date and time, to the location and not later than the Bid Due Date/Time specified by the Invitation for Bid.

Bids and modifications received after the *Due In & Opens* date and time will not be accepted. Facsimiles of bids will not be accepted.

Failure to comply with the solicitation requirements, including submittals that modify the solicitation requirements, may be cause for the respondent's bid to be rejected as *non-responsive* and not evaluated.

5. COMPLIANCE WITH AGREEMENT

County will execute an agreement with the successful respondent by issue of a blanket contract, purchase order or contract. The respondent agrees to establish, monitor, and manage an effective administration process that assures compliance with all requirements of the agreement. In particular, the respondent agrees that they shall not provide goods or services in excess of the executed agreement items, item quantity, item amount, or agreement amount without prior written authorization by amendment or change order properly executed by the County. Any items provided in excess of the quantity stated in the agreement shall be at the Respondent's own risk. Respondents shall decline verbal requests to deliver items in excess of the agreement and shall report all such requests in writing to the Pima County Procurement Department within 1 workday of the request. The report shall include the name of the requesting individual and the nature of the request.

INSTRUCTIONS TO BIDDERS (continued)

6. INQUIRIES & NOTICE OF RECOMMENDATION FOR AWARD (NORFA)

Results of this procurement will not be given in response to telephone inquiries. Interested parties are invited to attend the public opening at the time and date stated in this solicitation. A tabulation of submittals will be on file at the Procurement Department. No oral interpretations or clarifications made to any respondent as to the meaning of any of the solicitation documents will be binding on Pima County. If a prospective respondent believes a requirement of the solicitation documents to be needlessly restrictive, unfair, or unclear, the respondent shall notify the Pima County Procurement department in writing identifying the solicitation number, page and paragraph number and clearly stating the issue and suggested solution prior to the *Due In and Opens* date set for receipt of the bid or proposal. Responses from COUNTY will be made by written addendum and sent to all known potential respondents. Issues identified less than 8 days prior to the *Due In and Opens* date may not be answered.

Interested parties are invited to attend the public opening of submissions at the time and date stated in this solicitation.

“The Pima County protest procedures are in Chapter 11.20 of the Pima County Procurement Code, available through <http://www.pima.gov/cob/code/>. The five-day period to file a protest of the award will be measured from the date the Notice of Recommendation for Award is posted on the Pima County Procurement website at <http://www.pima.gov/procure/awards/> **without regard to whether individual notices were issued**. It is the responsibility of bidders, proposers and offerors to check the website”

7. ORDER OF PRECEDENCE-CONFLICTING DOCUMENTS

In the event there are variations or conflicts between these instructions and the standard terms and conditions or the offer agreement document, the standard terms & conditions and offer agreement shall govern.

8. VENDOR RECORD MAINTENANCE

By submitting a response to this solicitation, the submittor agrees to establish and maintain a complete Pima County Vendor record, including the provision of a properly completed and executed “Request for Taxpayer Identification Number and Certification” document(Form W-9), within ten calendar days of the solicitation due date. The Vendor also agrees to update the information within ten calendar days of any change in that information and prior to the submission of any invoice or request for payment. The preferred method for creating or updating this record is via the Internet utilizing the Pima County Vendor Self Service (VSS). The registration requires that the Vendor establish and maintain email functionality. In addition to providing the means for a Vendor to create and maintain their Vendor record, VSS also provides for email notice to the vendor regarding solicitations published by Pima County for commodities of interest as defined by the Vendor record. Internet links for Vendor Registration are located at the Procurement Internet page: <http://www.pima.gov/procure/venreg.htm>.

9. Living Wage Requirement

This solicitation is subject to the Pima County living wage requirements as provided in the Pima County Procurement Code section 11.38 which specifies that a living wage requirement be included in County contracts for specific services.

Contractors entering into eligible contracts with Pima County for the covered services shall pay a living wage to their eligible employees for the hours expended providing services to Pima County. Eligible employees shall receive a wage not less than \$11.06 per hour. A contractor may pay its eligible employees a wage of no less than \$9.63 per hour if the contractor provides health benefits with a monthly value at least as high as the difference between that wage and a monthly wage based on \$11.06 per hour. A copy of section 11.38 of the Procurement Code is attached as **Exhibit B** for your review and complete compliance. Contractors shall include all costs necessary for complete compliance to the living wage requirement.

10. SMALL BUSINESS ENTERPRISE (SBE) PREFERENCE

Any contract funded in any amount with federal funds is not eligible for this preference.

For those bids that do not exceed \$500,000 per contract year, a 5% bid preference will be given to firms submitting SBE Certificates issued by the City of Tucson WITH THEIR BID; said certification is subject to verification and acceptance by Pima County. If the certification is accepted by Pima County, the bid will be evaluated at 95% of the bid amount to determine the low and responsive bid. If an award of contract is made, the contract will be formed utilizing the Unit Prices, or Lump Sum, as bid.

To be eligible for the price preference, SBE firms must include with their bid documents a copy of their current certification certificate which may be acquired from the City of Tucson; Office of Equal Opportunity Programs, (520) 791-4593 (520) 791-2639 TTY, 201 N. Stone Ave., 3rd Floor North, Tucson, AZ 85701. Their SBE website, which

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typically includes an SBE Application Form and a Directory listing firms holding SBE Certification, is located at:
www.pima.gov/procure/sbe/SBEDir.pdf

The process of acquiring SBE Certification may take several weeks. Please contact the Pima County Vendor Relations Division at (520) 740-3296 for assistance or further information.

END OF INSTRUCTIONS TO BIDDERS
(Revised June 24, 2011)

OFFER AGREEMENT: Chiller Maintenance and Repair Services (1 of 8 pages)

1. INTENT:

This document is intended to establish an "As Required" indefinite delivery/indefinite quantity (IDIQ) Master purchase agreement contract to provide Pima County ("County") with such quantities of scheduled maintenance and as needed repair work for chillers as the County may order from time to time by issue of purchase orders pursuant to a resulting executed and effective agreement. As defined by the attached Pima County Standard terms and Conditions (STC) this agreement is non-exclusive and may be terminated for any reason without penalty or cost to Pima County. It is the intent of the County to award to one supplier for all items listed. The following primary values and objectives will be mutual obligations assumed by both parties regarding the interpretation and performance under the agreement: COUNTY will award an agreement for the purchase of goods as specified herein, and Supplier will receive compensation when goods are delivered as per the terms of the purchase order issued against the agreement.

Although particular County Departments may be identified in the solicitation, unless otherwise documented by the executed agreement document, all County Departments may utilize the resulting agreement. The County has the right to make changes and/or alterations to its equipment, to add or subtract chillers, and to add or delete sites covered under this agreement without an amendment provided both parties mutually agree upon pricing in writing for the additions of chillers, sites and/or changes/ alterations to existing equipment.

All Goods and Services offered or provided pursuant to the resulting executed and effective agreement shall conform to the requirements defined by or referred to by the solicitation documents including *Solicitation Addenda, Instructions to Bidders, Standard Terms and Conditions* and this *Offer Agreement* all of which are incorporated herein.

It is the intent of all parties to this agreement that this document, including all attachments and documents incorporated by reference, constitutes the entire agreement between the parties pertaining to the subject matter hereof, and all prior or contemporaneous agreements and understandings, oral or written, are hereby superseded and merged herein. This Contract may be modified, amended, altered or extended only by a written amendment signed by the parties.

Throughout this agreement and referenced documents the terms Supplier and Contractor, Blanket Contract and Master Agreement, Purchase Order and Delivery Order are used interchangeably and considered to have identical meaning.

2. AGREEMENT TERM, RENEWALS & REVISIONS:

The initial term of the agreement will be for a five year period and include zero (0) renewals.

Proposed extension/revisions to the contract shall be made through the issuance by County to Contractor of a revised Blanket Contract or Purchase Order document setting forth the requested changes. Failure by Contractor to object in writing to proposed revised terms, conditions and/or specifications within ten (10) calendar days of issuance by County shall signify acceptance by Contractor and the amendment shall be binding upon the parties, effective on the date of issuance.

3. CONTRACTOR MINIMUM QUALIFICATIONS:

Contractor certifies that the firm, individuals acting for the firm, and all services provided pursuant to this agreement will conform to the following minimum qualifications and will provide the documents requested for certifying compliance.

- Contractor must have proper licensing issued by the State of Arizona Registrar of Contractors (such as L-39, L-79) and all other required permits and licensing which is appropriate for the type of repair work to be performed. *(A copy of the Contractor's license(s) from the State of Arizona Registrar of Contractors will be sufficient.)*
- Contractor must have at least two factory-trained technicians certified by Trane, York, Carrier or McQuay available to perform services specified in this agreement. *(A copy of each technician's factory training certificate will be sufficient.)*
- Contractor must have CFC certification for every technician that will be servicing Pima County's equipment. *(A copy of the CFC certificate for each technician will be sufficient.)*
- Contractor must have an office in Tucson, Arizona and have at least five (05) years experience in maintaining and repairing chillers. *(A letter on Contractor letterhead stating this information and the contact information for at least three current customers.)*
- Attend a **MANDATORY** site visit to make a visual assessment of Pima County's equipment. This site visit will take place on March 15, 2012 at 8:00 A.M. and will begin at the Central Plant located at 190 W. Pennington in Tucson, Arizona Each individual participating in this site visit **MUST** have a security clearance approved by Al Borquez or Mike Moran. Al Borquez can be reached at (520) 740-3107. Mike Moran can be reached at (520) 351-8150.

NOTE: If more time is needed, the site visit will continue at 8:00 A.M. on March 16, 2012.

(Procurement will review the attendance sheet of the site visit(s) to determine if this minimum qualification has been met.)

OFFER AGREEMENT: Chiller Maintenance and Repair Services (2 of 8 pages)

Documents submitted by Contractor satisfying Minimum Qualification requirements:

MQ #	MQ Name	Title of MQ Documents Submitted	# of Pages

4. GENERA SERVICE SPECIFICATIONS & SCOPE OF WORK:

Supplier shall provide as required all labor and materials necessary to “maintain and repair” the chillers and related equipment in proper operating condition and while completing listed inspections and preventative maintenance at the following sites.

- PART A: Downtown Central Plant**
- PART B: Juvenile Courts facility Central Plant**
- PART C: Legal Services Building**
- PART D: Pima County Jail**
- PART E: Main Library**
- PART F: Bank of America.**
- PART G: 97 E. Congress**
- PART H: Sheriff Administration**
- PART I: Adult Probation**
- PART J: Kino Service Center**
- PART K: Abrams Public Health**
- PART L: ROMP Lab 3035 E. Camino Del Cerro**
- PART M. Forensic Science Center at 2825 E. District St.**
- PART N: Wastewater Management at 2600 W. Sweetwater Drive**
- PART O: Administration West at 150 W. Congress St.**
- PART P: Mission Library at 3770 S. Mission Rd.**
- PART Q: Columbus Library at 4350 E. 22nd St.**
- PART R: Valencia Library at 202 W. Valencia St.**
- PART S: Woods Library at 3455 N. 1st.**
- PART T: 200 N. Stone**

- Related equipment is defined as all pumps, valves, and cooling towers (except water treatment and cleaning) etc. that are an integral part of the chilled water system.
- **NOTE: Energy Management Control Systems are not part of the required service and are covered by a separate contract.**
- A minimum of four (4) service inspections are required. One of the four services will be an annual inspection except for Wastewater Management, 2600 W. Sweetwater Drive, which requires four (4) quarterly inspections.

General Specifications:

Supply shall comply with the following general specifications listed below.

- Supplier must have the required Letter of Authorization, approved and signed by the Facilities Management Department Supervisor, prior to starting any Unscheduled Maintenance and Repair Work.
- Supplier shall submit all invoices to the following address: Facilities Management Department, Attn: Business Services, 150 W. Congress Street, 3rd Floor Admin West, Tucson, AZ 85701.
- Supplier shall submit a separate invoice for each DO issued to the supplier.
- Supplier’s invoices shall contain the following information: Contract Number, Supplier’s name, address, and telephone number, the month that the services are being billed to the County, the maintenance provided was

OFFER AGREEMENT: Chiller Maintenance and Repair Services (3 of 8 pages)

Scheduled Maintenance or Unscheduled Maintenance, and total dollar charges.

- Supplier MUST separate his billing with a price sheet which coincides with the contract site location, contract site cost per month, facility total cost per month and total dollars.
- Supplier must insure the service checklists accompany each invoice.
- Supplier shall be paid Net 30 days after receipt of acceptable invoice by the County.
- Supplier shall submit a separate invoice for Unscheduled Maintenance and Repair Work with the required Letter of Authorization attached to the invoice. Invoice shall include the contract number, the address of the site, the description of the work performed, the part details, and the total dollar amount. Parts used must be itemized in detail listing each part's individual cost with the appropriate discount applied (Include the discount percent (%)). Note: Applicable sales tax shall be applied to parts only.
- If at any time it is determined by COUNTY that a cost for which a payment has been made is a disallowed cost, COUNTY shall notify CONTRACTOR in writing of the disallowance and the required course of action, which shall be at the option of COUNTY either to adjust any future claim submitted by CONTRACTOR by the amount of the disallowance, or to require repayment of the disallowed amount by CONTRACTOR forthwith issuing a check payable to Pima County.

SCOPE OF WORK – Chillers

Supplier shall provide scheduled and unscheduled maintenance service as specified in Exhibit A: Chiller Scope of Work. These specifications are intended to show the kind and quality of work required without being unnecessarily restrictive. Supplier may request minor deviations to these specifications for evaluation provided the deviations submitted are cross-referenced to specific requirements and provided the deviations include the total impact on the work specified. The County will consider and analyze the above requests for exceptions and/or deviations from the specifications; however, acceptance or rejection of these exceptions and/or deviations shall be at the sole discretion of Pima County.

5. OFFER ACCEPTANCE AND ORDER RELEASES:

Offer will be accepted and executed by the County by issue of a Blanket Contract and effective on the document's date of issue without further action by either party. The Blanket Contract will document the term of the agreement.

Order(s) for products or services pursuant to the executed agreement will be made by County by issue of Purchase Order(s). Purchase Order documents will be furnished to Contractor via facsimile, e-mail, or telephone. If the Purchase Order is given verbally, the County Department that issued the Purchase Order will transmit a confirming Purchase Order document to the Contractor within five (05) workdays of the date the verbal Purchase Order is given.

Contractor is prohibited from supplying materials or services pursuant to the resulting agreement that are not documented or authorized by a Purchase Order at the time of provision. The Contractor agrees that the County accepts no responsibility regarding this agreement for control or payment for materials or services not documented by a County Purchase Order.

The Contractor agrees to establish, monitor, and manage an effective agreement administration process that assures compliance with all requirements of the agreement. In particular, the respondent agrees that they shall not provide goods or services in excess of the executed agreement items, item quantity, item amount, or agreement amount without prior written authorization by agreement revision properly executed and issued by the County. Any items provided in excess of that stated in the agreement shall be at the Respondent's own risk. Respondents shall decline verbal requests to deliver items in excess of the agreement and shall report all such requests in writing to the County Procurement Department within one (01) workday of the request. The report shall include the name of the requesting individual and the nature of the request.

6. ACCEPTANCE OF SERVICES AND PRODUCTS:

Acceptance of the goods and services shall be made by the County Department designated on the issued Purchase Order in accordance with this agreement. Acceptance is required prior to commencement of payment terms.

7. COMPENSATION & PAYMENT:

Contractor shall submit Request(s) for Payment/Invoices to the location and entity defined by the County's Purchase Order document.

All Invoice documents shall reference the County's Purchase Order number under which the services or products were ordered. **ALL** Invoice line items shall utilize the item description and precise unit price defined by the County's Purchase Order document. Invoices that include line items or unit prices that do not match those documented by the County's Purchase Order may be returned to the Contractor unprocessed for correction.

OFFER AGREEMENT: Chiller Maintenance and Repair Services (4 of 8 pages)

Payment terms are 30 Days from the date of valid invoice document and shall not commence until Contractor's Invoice is received and verified by County Financial Operations.

The blanket contract issued to accept Contractor offer will define the not to exceed amount of the agreement. Contractor shall not accept orders, or provide services or products that cumulatively exceed that amount.

Unit Pricing may be negotiated and established as per all requirements of the agreement for items included in the scope of the agreement and for which unit pricing has not been previously defined provided that the item and unit price are offered in writing by the Contractor.

All pricing shall be F.O.B. Destination & Freight Prepaid Not Billed ("F.O.B. Destination"), delivered to and unloaded at the destination(s) defined by the Delivery article of this agreement or accepted Purchase Order for services or products and all freight cost shall be included in the offered Unit Price.

Price Warranty. Seller shall give Pima County benefit of any price reduction before actual time of shipment. Sellers agree that all pricing given includes all costs required to conduct aggressive and active cost control and reduction activities.

Price Escalation. It is the intention of both parties that pricing shall remain firm during the first year of the agreement. County shall only consider price increases in conjunction with the annual anniversary date of the agreement. In the event that economic conditions are such that unit price increases are desired by the Seller after the first year of the agreement. Seller shall submit a written request to County with supporting documents justifying such increases at least 90 days prior to the annual anniversary date of the agreement. It is agreed that the Unit Prices shall include compensation for the Seller to implement and actively conduct cost and price control activities, and in its request for price increases Seller shall cite sources, specific conditions and document how those conditions affect the cost of its performance, and specific efforts Seller has taken to control and reduce costs. COUNTY will review the proposed pricing and determine if it is allowable, fair and reasonable, and in the best interest of COUNTY to continue the agreement.

Quantities referred to are estimated quantities. Pima County reserves the right to increase or decrease the quantities and amounts. **No guarantee is made regarding actual orders issued for items or quantities during the term of the agreement.** Pima County shall not be responsible for Contractor inventory or order commitment.

Unit Prices offered shall include all incidentals and associated costs required to comply with and satisfy all requirements referred to or included in this solicitation which includes the *Instructions to Bidders, Standard Terms and Conditions* and Offer Agreement. No payments will be made for items not included in the agreement.

SEE UNIT PRICES ON THE NEXT PAGE

Hourly Labor Rate for Repairs During Normal Working Hours of 7:00 a.m. through 5:00 p.m. Monday through Friday (Price per Hour)	\$ _____/Hour
Hourly Labor Rate for Repairs After Normal Hours Including Saturday, Sunday, and Pima County Holidays (Price per Hour)	\$ _____/Hour
Percentage of Discount From Parts Catalog Pricing	_____ %

****Note: The above items will not be included in the tabulation for the bid amount.*

OFFER AGREEMENT: Chiller Maintenance and Repair Services (5 of 8 pages)**UNIT PRICES (Net 30 day Payment Terms)**

ITEM #	ITEM NAME Items to include and satisfy all Offer Agreement requirements, General & Item Specifications	ESTIMATED 5 YEAR USAGE QUANTITY	UOM	UNIT PRICE \$	EXTENDED AMOUNT \$
1	Quarterly Maintenance: Downtown Central Plant, York Centrifugal Chiller-Water Cooled (Four Chillers)	60	QTR		
2	Annual Maintenance: Downtown Central Plant, York Centrifugal Chiller-Water Cooled (Four Chillers)	20	YEAR		
3	Quarterly Maintenance: Juvenile Courts Central Plant, Trane Centrifugal Chiller-Water Cooled (Two Chillers)	30	QTR		
4	Annual Maintenance: Juvenile Courts Central Plant, Trane Centrifugal Chiller-Water Cooled (Two Chillers)	10	YEAR		
5	Quarterly Maintenance: Juvenile Courts Central Plant, McQuay Reciprocating Air Cooled Chiller (One Chiller)	15	QTR		
6	Annual Maintenance: Juvenile Courts Central Plant, McQuay Reciprocating Air Cooled Chiller (One Chiller)	5	YEAR		
7	Quarterly Maintenance: Legal Services Building, York Rotary Screw Water Cooled Chiller (Two Chillers)	30	QTR		
8	Annual Maintenance: Legal Services Building, York Rotary Screw Water Cooled Chiller (Two Chillers)	10	YEAR		
9	Quarterly Maintenance: Pima County Jail, Carrier Reciprocating Air Cooled Chiller (Two Chillers)	30	QTR		
10	Annual Maintenance: Pima County Jail, Carrier Reciprocating Air Cooled Chiller (Two Chillers)	10	YEAR		
11	Quarterly Maintenance: Pima County Jail, McQuay Centrifugal Water Cooled Chiller (Two Chillers)	30	QTR		
12	Annual Maintenance: Pima County Jail, McQuay Centrifugal Water Cooled Chiller (Two Chillers)	10	YEAR		
13	Quarterly Maintenance: Downtown Public Library, York Centrifugal Water Cooled Chiller (Two Chillers)	30	QTR		
14	Annual Maintenance: Downtown Public Library, York Centrifugal Water Cooled Chiller (Two Chillers)	10	YEAR		
15	Quarterly Maintenance: Bank of America Building, Trane Centrifugal Water Cooled Chiller (Three Chillers)	45	QTR		
16	Annual Maintenance: Bank of America Building, Trane Centrifugal Water Cooled Chiller (Three Chillers)	15	YEAR		
17	Quarterly Maintenance: 97 E. Congress Building, Carrier Reciprocating Air Cooled Chiller (One Chiller)	15	QTR		
18	Annual Maintenance: 97 E. Congress Building, Carrier Reciprocating Air Cooled Chiller (One Chiller)	5	YEAR		
19	Quarterly Maintenance: Sheriff's Administration, Trane Reciprocating Air Cooled Chiller (Two Chillers)	30	QTR		
20	Annual Maintenance: Sheriff's Administration, Trane Reciprocating Air Cooled Chiller (Two Chillers)	10	YEAR		
21	Quarterly Maintenance: Adult Probation, Dunham Bush Centrifugal Water Cooled Chiller (Two Chillers)	30	QTR		
22	Annual Maintenance: Adult Probation, Dunham Bush Centrifugal Water Cooled Chiller (Two Chillers)	10	YEAR		
23	Quarterly Maintenance: Kino Service Center, Carrier Reciprocating Air Cooled Chiller (Two Chillers)	30	QTR		
24	Annual Maintenance: Kino Service Center, Carrier Reciprocating Air Cooled Chiller (Two Chillers)	10	YEAR		
25	Quarterly Maintenance: Abrams Public Health Center, York Centrifugal Water Cooled Chiller (Two Chillers)	30	QTR		
26	Annual Maintenance: Abrams Public Health Center, York Centrifugal Water Cooled Chiller (Two Chillers)	10	YEAR		
27	Quarterly Maintenance: Wastewater 2600 W. Sweetwater Dr., Carrier Screw Air Cooled Chiller (One Chiller)	20	QTR		
28	Quarterly Maintenance: ROMP LAB, Carrier Centrifugal Water Cooled Chiller (Two Chillers)	30	QTR		
29	Annual Maintenance: ROMP LAB, Carrier Centrifugal Water Cooled Chiller (Two Chillers)	10	YEAR		
30	Quarterly Maintenance; Administration West, Trane Reciprocating Air Cooled Chiller (Two Chillers)	30	QTR		
31	Annual Maintenance: Administration West, Trane Reciprocating Air Cooled Chiller (One Chiller)	10	YEAR		
32	Quarterly Maintenance; Mission Library, McQuay Reciprocating Air Cooled Chiller (One Chiller)	15	QTR		

OFFER AGREEMENT: Chiller Maintenance and Repair Services (6 of 8 pages)

33	Annual Maintenance; Mission Library, McQuay Reciprocating Air Cooled Chiller (One Chiller)	5	YEAR		
34	Quarterly Maintenance; Columbus Library, Carrier Reciprocating Air Cooled Chiller (One Chiller)	15	QTR		
35	Annual Maintenance; Columbus Library, Carrier Reciprocating Air Cooled Chiller (One Chiller)	5	YEAR		
36	Quarterly Maintenance; Valencia Library, McQuay Reciprocating Air Cooled Chiller (One Chiller)	15	QTR		
37	Annual Maintenance; Valencia Library, McQuay Reciprocating Air Cooled Chiller (One Chiller)	5	YEAR		
38	Quarterly Maintenance; Woods Library, Trane Reciprocating Air Cooled Chiller (One Chiller)	15	QTR		
39	Annual Maintenance; Woods Library, Trane Reciprocating Air Cooled Chiller (One Chiller)	5	YEAR		
40	Quarterly Maintenance; Forensic Science, Carrier Reciprocating Air Cooled Chiller (One Chiller)	15	QTR		
41	Annual Maintenance; Forensic Science, Carrier Reciprocating Air Cooled Chiller (One Chiller)	5	YEAR		
	FOB Destination/Unloaded; Cost of freight should be included in unit price.			TOTAL BID	
	Although taxes will be paid <u>IF</u> applicable do <u>NOT</u> include sales tax in unit price				

Percent Tax charged by vendor _____% (for information data only)

8. DELIVERY:

As defined by the Standard Terms "On-Time" delivery is an essential part of the consideration to be given to the County under the agreement. Delivery will be made in accordance with the Instructions to Bidders, Standard Terms and Conditions and to the location(s) referenced on the Purchase Order.

Contractor guarantees delivery of service as per the delivery terms of the Purchase Order. If required to satisfy the guaranteed delivery interval, Contractor will utilize premium freight method at no additional cost to the County.

9. TAXES, FEES, EXPENSES:

Articles sold to Pima County are exempt from federal excise taxes. The County is subject to State and City sales tax. Pima County will furnish an exemption certificate upon request. No separate charges for delivery, drayage, express, parcel post, packing, insurance, license fees, permits, costs of bonds, surcharges, or bid preparation, will be paid by Pima County, unless expressly included and itemized by the solicitation documents.

10. OTHER DOCUMENTS

Contractor and County in entering into this agreement have relied upon information provided or referenced by Pima County Solicitation No. 37378 including the Invitation For Bids, Instructions to Bidders, Standard Terms and Conditions, Solicitation Addenda, Contractors Bid Offer and on other information and documents submitted by the Contractor in its response to the County's Solicitation. These documents are hereby incorporated into and made a part of this Agreement as if set forth in full herein, to the extent not inconsistent with the provisions of this agreement.

11. INSURANCE:

The SUPPLIER'S insurance shall be primary insurance and non-contributory with respect to all other available sources. Supplier shall obtain and maintain at its own expense, during the entire term of this Contract the following type(s) and amounts of insurance:

- a) Commercial General Liability in the amount of \$1,000,000.00 combined single limit Bodily Injury and Property Damage. COUNTY is to be named as an additional insured for all operations performed within the scope of the Contract between COUNTY and SUPPLIER;
- b) Commercial or Business automobile liability coverage for owned, non-owned and hired vehicles used in the performance of this Contract with limits in the amount of \$1,000,000.00 combined single limit or \$1,000,000.00 Bodily Injury, \$1,000,000.00 Property Damage;

OFFER AGREEMENT: Chiller Maintenance and Repair Services (7 of 8 pages)

- c) If this Contract involves professional services, professional liability insurance in the amount of \$1,000,000.00; and,
- d) If required by law, workers' compensation coverage including employees' liability coverage.

Supplier shall provide COUNTY with current executed certificates of insurance within two weeks from when the Notice of Award is issued by the County. All certificates of insurance shall guarantee the provision of thirty (30) days prior written notice to the COUNTY of cancellation, non-renewal or material change.

12. PERFORMANCE BOND:

Not Applicable.

13. ACKNOWLEDGEMENT of SOLICITATION ADDENDA:

Supplier acknowledges that the following solicitation addenda have been incorporated in their offer and this agreement:

Addendum #	Date	Addendum #	Date	Addendum #	Date

14. SCRUTINIZED BUSINESS OPERATIONS

"Pursuant to A.R.S. §§ 35-391.06 and 393.06, contractor hereby certifies that it does not have scrutinized business operations in Iran or Sudan. The submission of a false certification by contractor may result in action up to and including termination of this contract.

15. SMALL BUSINESS ENTERPRISE (SBE) CERTIFICATION:

Is your firm SBE certified as defined by the solicitations 'Instruction To Bidders'? Yes No (Select one)
If 'Yes', have you included your certification document? Yes No (Select one) NOTE: If the SBE Certification document is not submitted with your bid the SBE Preference cannot be applied.

(THE REST OF THIS PAGE LEFT BLANK INTENTIONALLY)

OFFER AGREEMENT: Chiller Maintenance and Repair Services (8 of 8 pages)

16. BID/OFFER CERTIFICATION:

CONTRACTOR LEGAL NAME: _____

BUSINESS ALSO KNOWN AS: _____

MAILING ADDRESS: _____

CITY/STATE/ZIP: _____

REMIT TO ADDRESS: _____

CITY/STATE/ZIP: _____

CONTACT PERSON NAME/TITLE: _____

PHONE: _____ **FAX:** _____

CONTACT EMAIL ADDRESS: _____

E-MAIL ADDRESS TO WHICH ORDERS CAN BE TRANSMITTED: _____

CORPORATE HEADQUARTERS LOCATION:

ADDRESS: _____

CITY, STATE, ZIP: _____

By signing and submitting these bid offer and Offer Agreement documents, the undersigned certifies that they are legally authorized to represent and bind the "Contractor" to legal agreements, that all information submitted is accurate and complete, that the firm has reviewed the Procurement website for solicitation addenda and incorporated to their offer, that the firm is qualified and willing to provide the items requested, and that the firm will comply with all requirements of the solicitation. The undersigned hereby offers to furnish the material or service in compliance with all terms, conditions, specifications, defined or referenced by the solicitation, which includes and may not be limited to the Standard Terms & Conditions, and this Offer Agreement. The Unit Pricing includes all costs incidental to the provision of the items in compliance with the above documents; no additional payment will be made. Conditional offers that modify the solicitation requirements may be deemed not 'responsive' and may not be evaluated.

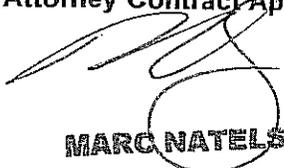
Offeror's submission of a signed offer agreement shall constitute a firm offer and upon the issuance of a blanket contract or purchase order document signed by the Pima County Procurement Director or authorized designate, a binding contract is formed that shall require the Offeror to provide the services described in this solicitation. The resulting contract incorporates by reference all requirements set forth by the solicitation, solicitation instructions, Pima County standard terms and conditions, and other documents listed in this Offer Agreement's Other Documents article.

SIGNATURE: _____ **DATE:** _____

PRINTED NAME & TITLE OF AUTHORIZED CONTRACTOR REPRESENTATIVE EXECUTING OFFER

PHONE AND E-MAIL: _____

County Attorney Contract Approval "As to Form":


MARC NATELSKY

END OF OFFER AGREEMENT

PIMA COUNTY STANDARD TERMS AND CONDITIONS (12/20/10)

1. OPENING:

Responses will be publicly opened and respondent's name, and if a Bid the amount, will be read on the date and at the location defined in the *Invitation for Bid (IFB)* or *Request For Proposals (RFP)*. Proposals shall be opened so as to avoid disclosure of the contents of any proposal to competing Offerors during the process of negotiation. All interested parties are invited to attend.

2. EVALUATION:

Responses shall be evaluated to determine which response is most advantageous to the COUNTY considering evaluation criteria, conformity to the specifications and other factors.

If an award is made, the Pima County (COUNTY) will enter into an agreement with the one or multiple respondent(s) that submitted the lowest bid(s) and determined responsible for supplying the required goods or services. Unless otherwise specified on the Bid/Offer document determination of the low/lowest bids will be made considering the total bid amount.

The COUNTY reserves the following rights: 1) to waive informalities in the bid or bid procedure; 2) to reject the response of any persons or corporations that have previously defaulted on any contract with COUNTY or who have engaged in conduct that constitutes a cause for debarment or suspension as set forth in COUNTY Code section 11.32; 3) to reject any and all responses; 4) to re-advertise for bids previously rejected; 5) to otherwise provide for the purchase of such equipment, supplies materials and services as may be required herein; 6) to award on the basis of price and other factors, including but not limited to such factors as delivery time, quality, uniformity of product, suitability for the intended task, and bidder's ability to supply; 7) to increase or decrease the quantity herein specified. Pricing evaluations will be based on pre-tax pricing offered by vendor.

3. AWARD NOTICE:

A *Notice of Recommendation for Award* for IFB or RFP will be posted on the Procurement website and available for review by interested parties. A tabulation of responses will be maintained at the Procurement Department.

4. AWARD:

Awards shall be made by either the Procurement Director or the Board of Supervisors in accordance with the Pima County Procurement Code. COUNTY reserves the right to reject any or all offers, bids or proposals or to waive irregularities and informalities if it is deemed in the best interest of the COUNTY. Unless expressly agreed otherwise, resulting agreements are not exclusive, are for the sole convenience of COUNTY, and COUNTY reserves the right to obtain like goods or services from other sources.

5. WAIVER:

Each respondent, by submission of an offer, bid or proposal proclaims and agrees and does waive any and all claims for damages against COUNTY or its officers or employees when any of the rights reserved by COUNTY may be exercised.

6. ACKNOWLEDGEMENT AND ACCEPTANCE:

If Contractor's terms of sale are inconsistent with the terms of the resultant agreement, the terms herein shall govern, unless Contractor's terms are accepted in writing by COUNTY. No oral agreement or understanding shall in any way modify this order or the terms and conditions herein. Contractor's acceptance, delivery or performance called for herein shall constitute unqualified acceptance of the terms and conditions of the resultant agreement.

7. INTERPRETATION and APPLICABLE LAW:

The contract shall be interpreted, construed and given effect in all respects according to the laws of the State of Arizona. If any of Contractors' terms or conditions is not in agreement with County's terms and conditions as set forth herein, COUNTY's shall govern. This Agreement incorporates the complete agreement of the parties with respect to the subject matter of this Agreement. No oral agreement or other understanding shall in any way modify these terms and conditions.

8. WARRANTY:

Contractor warrants goods or services to be satisfactory and free from defects.

9. QUANTITY:

The quantity of goods ordered shall not be exceeded or reduced without **written** permission in the form of a properly executed blanket contract, purchase order or contract revision or amendment as required by COUNTY Procurement Code except in conformity with acknowledged industry tolerances. All quantities are estimates and no guarantee regarding actual usage is provided.

PIMA COUNTY STANDARD TERMS AND CONDITIONS (12/20/10) (con't)

10. PACKING:

No extra charges shall be made for packaging or packing material. Contractor shall be responsible for safe packaging conforming to carrier's requirements. All packages shall bear the content(s) quantity, product identification, purchase order number, and destination address plainly marked in indelible ink on the exterior of each package.

11. DELIVERY:

On-time delivery of goods and services is an essential part of the consideration to be received by COUNTY.

A guaranteed delivery date, or interval period from order release date to delivery, must be given if requested by the Price offer document. Upon receipt of notification of delivery delay, COUNTY at its sole option and at no cost to the COUNTY may cancel the order or extend delivery times. Such extension of delivery times will not be valid unless extended in writing by an authorized representative of the COUNTY.

To mitigate or prevent damages caused by delayed delivery, COUNTY may require Contractor to deliver additional quantity utilizing express modes of transport, and or overtime, all costs to be Contractor responsibility. COUNTY reserves the right to cancel any delinquent order, procure from alternate source, and/or refuse receipt of or return delayed deliveries, at no cost to COUNTY. COUNTY reserves the right to cancel any order and/or refuse delivery upon default by Contractor concerning time, cost, or manner of delivery.

Contractor will not be held responsible for unforeseen delays caused by fires, strikes, acts of God, or other causes beyond Contractor's control, provided that Contractor provide immediate notice of delay.

12. SPECIFICATION CHANGES:

COUNTY shall have the right to make changes in the specifications, services, or terms and conditions of an order. If such changes cause an increase or decrease in the amount due under an order or in time required for performance, an acceptable adjustment shall be made and the order shall be modified in writing. Any agreement for adjustment must be made in writing. Nothing in this clause shall reduce Contractor's responsibility to proceed without delay in the delivery or performance of an order.

13. INSPECTION:

All goods and services are subject to inspection and testing at place of manufacture, the destination, or both, by COUNTY. Goods failing to meet specifications of the order or contract shall be held at Contractor's risk and may be returned to Contractor with costs for transportation, unpacking, inspection, repacking, reshipping, restocking or other like expenses to be the responsibility of Contractor. In lieu of return of nonconforming supplies, COUNTY, at its sole discretion and without prejudice to COUNTY's rights, may waive any nonconformity, receive the delivery, and treat the defect(s) as a warranty item, but waiver of any condition shall not be considered a waiver of that condition for subsequent shipments or deliveries.

14. SHIPPING TERMS:

Unless stated otherwise by the agreement documents, delivery terms are to be F.O.B. Destination & Freight Prepaid Not Billed ("F.O.B. Destination") are to be included in the Unit Price offered by Contractor and accepted by the COUNTY.

15. PAYMENT TERMS:

Payment terms are net 30, unless otherwise specified by the agreement documents.

16. ACCEPTANCE OF MATERIALS AND SERVICES:

COUNTY will not execute an acceptance or authorize payment for any service, equipment or component prior to delivery and verification that all specification requirements have been met.

17. RIGHTS AND REMEDIES OF PIMA COUNTY FOR DEFAULT:

In the event any item furnished by the Contractor in the performance of the agreement should fail to conform to the specifications thereof, or to the sample submitted by the Contractor, COUNTY may reject same, and it shall thereupon become the duty of the Contractor to reclaim and remove the same, without expense to COUNTY, and immediately replace all such rejected items with others conforming to the specifications or samples. Should the Contractor fail, neglect, or refuse immediately to do so, COUNTY, shall have the right to purchase in the open market, in lieu thereof, a corresponding quantity of any such items and to deduct from any monies due or that may become due to the Contractor the difference between the price named in the contract or purchase order and actual cost to COUNTY.

In the event the Contractor shall fail to make prompt delivery as specified of any item, the same conditions as to the rights of COUNTY to Purchase in the open market and invoke the reimbursement condition above shall apply, except when

PIMA COUNTY STANDARD TERMS AND CONDITIONS (12/20/10) (con't)

delivery is delayed by fire, strike, freight embargo, or acts of god or of the government. In the event of cancellation of the contract or purchase order, either in whole or in part, by reason of the default or breach by the Contractor, any loss or damage sustained by COUNTY in procuring any items which the Contractor agreed to supply shall be borne and paid for by the Contractor. The rights and remedies of COUNTY provided above shall not be exclusive and are in addition to any other rights and remedies provided by law or under the contract.

18. FRAUD AND COLLUSION:

Each Contractor, by submission of a bid, proclaims and agrees that no officer or employee of COUNTY or of any subdivision thereof has: 1) aided or assisted the Contractor in securing or attempting to secure a contract to furnish labor, materials or supplies at a higher price than that proposed by any other Contractor; 2) favored one Contractor over another by giving or withholding information or by willfully misleading the bidder in regard to the character of the material or supplies called for or the conditions under which the proposed work is to be done; 3) will knowingly accept materials or supplies of a quality inferior to those called for by any contract; 4) any direct or indirect financial interest in the offer or resulting agreement. Additionally, during the conduct of business with COUNTY, the Contractor will not knowingly certify, or induce others to certify, to a greater amount of labor performed than has been actually performed, or to the receipt of a greater amount or different kind of material or supplies that has been actually received. If at any time it shall be found that the awardee(s) has in presenting any offer(s) colluded with any other party or parties for the purpose of preventing any other offer being made, then the agreement so awarded shall be terminated and that person or entity shall be liable for all damages sustained by COUNTY.

19. COOPERATIVE USE OF RESULTING AGREEMENT:

As allowed by law, the COUNTY has entered into cooperative procurement agreements that enable other Public Agencies to utilize procurement agreements developed by the COUNTY. The Contractor may be contacted by participating agencies and requested to provide services and products pursuant to the pricing, terms and conditions defined by the COUNTY blanket contract, purchase order or contract. Minor adjustments are allowed subject to agreement by both Contractor and Requesting Party to accommodate additional cost or other factors not present in the COUNTY agreement and required to satisfy particular Public Agency code or functional requirements and are within the intended scope of the solicitation and resulting agreement. Any such usage shall be in accordance with State, COUNTY and other Public Agency procurement rules, regulations and requirements and shall be transacted by blanket contract purchase order or contract between the requesting party and Contractor. Contractor shall hold harmless COUNTY, its officers, employees, and agents from and against all liability, including without limitation payment and performance associated with such use. A list of agencies that are authorized to use COUNTY agreements can be viewed at the Procurement Department Internet home page: <http://www.pima.gov/procure> by selecting the link titled *Authorized Use of COUNTY Agreements*.

20. PATENT INDEMNITY:

Contractor shall hold COUNTY, its officers, agents and employees, harmless from liability of any nature or kind, including costs and expenses, for infringement or use of any copyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in connection with the blanket contract purchase order or contract. Contractor may be required to furnish a bond or other indemnification to COUNTY against any and all loss, damage, costs, expenses, claims and liability for patent or copyright infringement.

21. INDEMNIFICATION:

Contractor shall indemnify, defend, and hold harmless COUNTY, its officers, employees and agents from and against any and all suits, actions, legal administrative proceedings, claims or demands and costs attendant thereto, arising out of any act, omission, fault or negligence by the Contractor, its agents, employees or anyone under its direction or control or on its behalf in connection with performance of the blanket contract, purchase order or contract. Contractor warrants that all products and services provided under this contract are non-infringing. Contractor will indemnify, defend and hold

COUNTY harmless from any claim of infringement arising from services provided under this contract or from the provision, license, transfer or use for their intended purpose of any products provided under this Contract.

22. UNFAIR COMPETITION AND OTHER LAWS:

Responses shall be in accordance with Arizona trade and commerce laws (Title 44 A.R.S.) and all other applicable COUNTY, State, and Federal laws and regulations.

PIMA COUNTY STANDARD TERMS AND CONDITIONS (12/20/10) (con't)

23. COMPLIANCE WITH LAWS:

Contractor shall comply with all federal, state, and local laws, rules, regulations, standards and Executive Orders, without limitation. The laws and regulations of the State of Arizona shall govern the rights, performance and disputes of and between the parties. Any action relating to this Contract shall be brought in a court of the State of Arizona in COUNTY.

Any changes in the governing laws, rules, and regulations during an agreement shall apply, but do not require an amendment/revisions.

24. ASSIGNMENT:

Contractor shall not assign its rights to the resultant agreement, in whole or in part, without prior written approval of the COUNTY. Approval may be withheld at the sole discretion of COUNTY, provided that such approval shall not be unreasonably withheld.

25. CONFLICT OF INTEREST:

All agreements are subject to the provisions of A.R.S. § 38-511, the pertinent provisions of which are incorporated into and made part of all resultant contracts or purchase orders as if set forth in full herein.

26. NON-DISCRIMINATION:

CONTRACTOR agrees to comply with all provisions and requirements of Arizona Executive Order 2009-09 **including flow down of all provisions and requirements to any subcontractors**. Executive Order 2009-09 supersedes Executive order 99-4 and amends Executive order 75-5 and may be viewed and downloaded at the Governor of the State of Arizona's website http://www.azgovernor.gov/dms/upload/EO_2009_09.pdf which is hereby incorporated into this contract as if set forth in full herein. During the performance of this contract, CONTRACTOR shall not discriminate against any employee, client or any other individual in any way because of that person's age, race, creed, color, religion, sex, disability or national origin.

27. NON-APPROPRIATION OF FUNDS:

Pursuant to the provisions of A.R.S. § 11-251, sub-section 42, this agreement may be canceled if for any reason the COUNTY Board of Supervisors does not appropriate funds for the stated purpose of maintaining any agreement. In the event of such cancellation, COUNTY shall have no further obligation, other than for services or goods that have already been received.

28. PUBLIC INFORMATION:

Pursuant to A.R.S. § 39-121 et seq., and A.R.S. § 34-603(H) in the case of construction or Architectural and Engineering services procured under A.R.S. Title 34, Chapter 6, all information submitted in response to this solicitation, including, but not limited to, pricing, product specifications, work plans, and any supporting data becomes public information and upon request, is subject to release and/or review by the general public including competitors.

Any records submitted in response to this solicitation that Contractor reasonably believes constitute proprietary, trade secret or otherwise confidential information must be appropriately and prominently marked as CONFIDENTIAL by Contractor **prior** to the close of the solicitation.

Notwithstanding the above provisions, in the event records marked CONFIDENTIAL are requested for public release pursuant to A.R.S. § 39-121 et seq., COUNTY shall release records marked CONFIDENTIAL ten (10) business days after the date of notice to the Contractor of the request for release, unless Contractor has, within the ten day period, secured a protective order, injunctive relief or other appropriate order from a court of competent jurisdiction, enjoining the release of the records. For the purposes of this paragraph, the day of the request for release shall not be counted in the time calculation. Contractor shall be notified of any request for such release on the same day of the request for public release or as soon thereafter as practicable.

COUNTY shall not, under any circumstances, be responsible for securing a protective order or other relief enjoining the release of records marked CONFIDENTIAL, nor shall COUNTY be in any way financially responsible for any costs associated with securing such an order.

29. CUSTOM TOOLING, DOCUMENTATION AND TRANSITIONAL SUPPORT:

Costs to develop all tooling and documentation, such as and not limited to dies, molds, jigs, fixtures, artwork, film, patterns, digital files, work instructions, drawings, etc. necessary to provide the contracted services or products and are unique to the services or products supplied to COUNTY are included in the agreed upon Unit Price unless specifically stated otherwise in the agreement. It is agreed that such tools and documentation are the property of COUNTY and shall

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be marked, as is practical, as the "Property of Pima County" and if requested by COUNTY a copy of the tooling and documentation shall be delivered to COUNTY within twenty days of acceptance by the COUNTY of the first article sample, or not later than ten days of termination of the agreement associated with their development, without additional cost to COUNTY. The Contractor also agrees to act in good faith to facilitate the transition of work to a subsequent Contractor if and as reasonably requested by COUNTY at no additional cost.

Should exceptional circumstances be present that may justify an additional charge, the Contractor may submit said justification and proposed cost and negotiate an agreement acceptable to both Contractor and COUNTY, but Contractor may not withhold any requested tooling, document or support as defined above that would delay the orderly, efficient and prompt transition of work. Should conduct by the Contractor result in additional costs to the COUNTY the Contractor agrees to reimburse the COUNTY for said actual and incremental costs provided that the COUNTY had given the Contractor reasonable time to respond to the COUNTY's requests for support.

30. AMERICANS WITH DISABILITIES ACT:

Contractor shall comply with all applicable provisions of the Americans with Disabilities Act (public law 101-336, 42 USC 12101-12213) and all applicable federal regulations under the act, including 28 CFR parts 35 and 36.

31. NON-EXCLUSIVE:

Agreements resulting from this solicitation are non-exclusive and are for the sole convenience of Pima County which reserves the right to obtain like goods and services from other sources for any reason.

32. PROTESTS:

An interested party may file a protest regarding any aspect of a solicitation, evaluation, or recommendation for award. Protests must be filed in accordance with the Pima County Procurement Code, Section 11.20.010.

33. TERMINATION:

COUNTY reserves the right to terminate any blanket contract, purchase order, contract or award, in whole or in part, at anytime, without penalty or recourse when in the best interests of the COUNTY, Upon receipt of written notice, Contractor shall immediately cease all work as directed by the notice, notify all sub-Contractor of the effective date of termination and take appropriate actions to minimize further costs to the COUNTY. In the event of termination under this paragraph, all documents, data, and reports prepared by the Contractor under the contract shall become the property of and be promptly delivered to the COUNTY. The Contractor shall be entitled to receive just and equitable compensation for work in progress, work completed and materials accepted before the effective date of the termination. The cost principles and procedures defined by A.A.C. R2-7-701 shall apply.

34. ORDER OF PRECEDENCE-CONFLICTING DOCUMENTS:

In the event that there are inconsistencies between agreement documents, following is the order of precedence, superior to subordinate, that shall be applied to resolve the inconsistency: blanket contract; purchase order; offer agreement or contract attached to a blanket contract or purchase order; standard terms and conditions; other solicitation documents.

35. INDEPENDENT CONTRACTOR:

The status of the Contractor shall be that of an independent Contractor. Neither Contractor nor Contractor officer's agents or employees shall be considered an employee of COUNTY or be entitled to receive any employment-related fringe benefits under the COUNTY Merit System. Contractor shall be responsible for payment of all federal, state and local taxes associated with the compensation received pursuant to this Contract and shall indemnify and hold COUNTY harmless from any and all liability which COUNTY may incur because of Contractor's failure to pay such taxes. Contractor shall be solely responsible for program development and operation.

36. BOOKS AND RECORDS:

Contractor shall keep and maintain proper and complete books, records and accounts, which shall be open at all reasonable times for inspection and audit by duly authorized representatives of COUNTY. In addition, Contractor shall retain all records relating to this contract at least 5 years after its termination or cancellation or, if later, until any related pending proceeding or litigation has been closed.

37. COUNTERPARTS:

The blanket contract, purchase order or contract awarded pursuant to this solicitation may be executed in any number of counterparts and each counterpart shall be deemed an original, and together such counterparts shall constitute one and the same instrument. For the purposes of the blanket contract, purchase order or contract, the signed offer of Respondent

PIMA COUNTY STANDARD TERMS AND CONDITIONS (12/20/10) (con't)

and the signed acceptance of COUNTY shall each be deemed an original and together shall constitute a binding blanket contract, purchase order or contract, if all other requirements for execution have been met.

38. AUTHORITY TO CONTRACT:

Contractor warrants its right and power to enter into the blanket contract, purchase order or contract. If any court or administrative agency determines that COUNTY does not have authority to enter into the blanket contract, purchase order or contract, COUNTY shall not be liable to Contractor or any third party by reason of such determination or by reason of the blanket contract, purchase order or contract.

39. FULL AND COMPLETE PERFORMANCE:

The failure of either party to insist on one or more instances upon the full and complete performance with any of the terms or conditions of the blanket contract, purchase order or contract to be performed on the part of the other, or to take any action permitted as a result thereof, shall not be construed as a waiver or relinquishment of the right to insist upon full and complete performance of the same, or any other covenant or condition, either in the past or in the future. The acceptance by either party of sums less than may be due and owing it at any time shall not be construed as an accord and satisfaction.

40. SUBCONTRACTOR:

CONTRACTOR shall be fully responsible for all acts and omissions of any subcontractor and of persons directly or indirectly employed by any subcontractor, and of persons for whose acts CONTRACTOR may be liable to the same extent that the CONTRACTOR is responsible for the acts and omissions of persons directly employed by it. Nothing in this contract shall create any obligation on the part of COUNTY to pay or see to the payment of any money due any subcontractor, except as may be required by law.

41. SEVERABILITY:

Each provision of this Contract stands alone, and any provision of this Contract found to be prohibited by law shall be ineffective to the extent of such prohibition without invalidating the remainder of this Contract.

42. LEGAL ARIZONA WORKERS ACT COMPLIANCE:

CONTRACTOR hereby warrants that it will at all times during the term of this Contract comply with all federal immigration laws applicable to CONTRACTOR's employment of its employees, and with the requirements of A.R.S. § 23-214 (A) (together the "State and Federal Immigration Laws"). CONTRACTOR shall further ensure that each subcontractor who performs any work for CONTRACTOR under this contract likewise complies with the State and Federal Immigration Laws.

COUNTY shall have the right at any time to inspect the books and records of CONTRACTOR and any subcontractor in order to verify such party's compliance with the State and Federal Immigration Laws.

Any breach of CONTRACTOR's or any subcontractor's warranty of compliance with the State and Federal Immigration Laws, or of any other provision of this section, shall be deemed to be a material breach of this Contract subjecting CONTRACTOR to penalties up to and including suspension or termination of this Contract. If the breach is by a subcontractor, and the subcontract is suspended or terminated as a result, CONTRACTOR shall be required to take such steps as may be necessary to either self-perform the services that would have been provided under the subcontract or retain a replacement subcontractor, as soon as possible so as not to delay project completion.

CONTRACTOR shall advise each subcontractor of COUNTY's rights, and the subcontractor's obligations, under this Article by including a provision in each subcontract substantially in the following form:

"SUBCONTRACTOR hereby warrants that it will at all times during the term of this contract comply with all federal immigration laws applicable to SUBCONTRACTOR's employees, and with the requirements of A.R.S. § 23-214 (A). SUBCONTRACTOR further agrees that COUNTY may inspect the SUBCONTRACTOR's books and records to insure that SUBCONTRACTOR is in compliance with these requirements. Any breach of this paragraph by SUBCONTRACTOR will be deemed to be a material breach of this contract subjecting SUBCONTRACTOR to penalties up to and including suspension or termination of this contract."

Any additional costs attributable directly or indirectly to remedial action under this Article shall be the responsibility of CONTRACTOR. In the event that remedial action under this Article results in delay to one or more tasks on the critical path of CONTRACTOR's approved construction or critical milestones schedule, such period of delay shall be deemed excusable delay for which CONTRACTOR shall be entitled to an extension of time, but not costs.

PIMA COUNTY STANDARD TERMS AND CONDITIONS (12/20/10) (con't)

43. CONTROL OF DATA PROVIDED BY PIMA COUNTY:

For those projects and contracts where Pima County has provided data to enable the Contractor to provide contracted services or products, unless otherwise specified and agreed to in writing by Pima County, Contractor shall treat, control and limit access to said information as confidential and under no circumstances release any data provided by County during the term of this agreement and thereafter, including but not limited to personal identifying information as defined by A.R.S. § 44-1373, and is further prohibited from selling such data directly or through a third party. Upon termination of the associated agreement or completion of the required contractual intent whichever occurs sooner, Contractor shall either return all data to County or shall destroy such data and confirm destruction in writing in a timely manner not to exceed 60 calendar days.

END OF PIMA COUNTY STANDARD TERMS AND CONDITIONS (12/20/2011)

EXHIBIT A: CHILLER- SCOPE OF WORK

PART A: Downtown Central Plant, 190 W. Pennington, Tucson, AZ 85701

ITEM #1: YORK CENTRIFUGAL WATER COOLED CHILLER
Model Number: YTJ1K3E2CSE
Serial Number: MRP430891

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
CHANGE AND INSPECT COMPRESSOR OIL FILTER ELEMENT
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED.

EXHIBIT A: CHILLER- SCOPE OF WORK

2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

ITEM #2: YORK CENTRIFUGAL WATER COOLED CHILLER
Model Number: YTJ1K3E2CSE
Serial Number: MRP430889

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
CHANGE AND INSPECT COMPRESSOR OIL FILTER ELEMENT
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE

EXHIBIT A: CHILLER- SCOPE OF WORK

LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES/BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

ITEM #3: YORK CENTRIFUGAL WATER COOLED CHILLER
Model Number: YTJ1K3E2CSE
Serial Number: MRP430890

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
CHANGE AND INSPECT COMPRESSOR OIL FILTER ELEMENT
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR

EXHIBIT A: CHILLER- SCOPE OF WORK

CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS

(Testing is to be done by a NDT Level 2 Technician)

ITEM #4: YORK CENTRIFUGAL WATER COOLED CHILLER
Model Number: YTK3C4E3-CTH
Serial Number: GCHM-585030

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
CHANGE AND INSPECT COMPRESSOR OIL FILTER ELEMENT

EXHIBIT A: CHILLER- SCOPE OF WORK

REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

PART B: Juvenile Courts Central Plant, 2225 E. Ajo Way, Tucson, AZ 85713

ITEM #1: TRANE CENTRIFUGAL WATER COOLED CHILLER
Model Number: CVHF770
Serial Number: L98JO5761

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
CHANGE AND INSPECT COMPRESSOR OIL FILTER ELEMENT
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
Testing is to be done by a NDT Level 2 Technician.

ITEM #2: TRANE CENTRIFUGAL WATER COOLED CHILLER

Model Number: CVHF770
Serial Number: L98JO5760

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM

EXHIBIT A: CHILLER- SCOPE OF WORK

CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL

PERFORM QUARTERLY INSPECTION

CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER

REPLACE FILTER DRIER

CHANGE AND INSPECT COMPRESSOR OIL FILTER ELEMENT

REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES

RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS

CLEAN WATER STRAINERS

INSPECT END SHEETS FOR CRACKS AND HOLES

FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)

CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR

PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR

CHECK SAFETY/OPERATING CONTROLS

LOG COOLER REFRIGERANT TEMPERATURE

LOG COOLER REFRIGERANT PRESSURE

LOG COOLER REFRIGERANT LEVEL

LOG OIL LEVEL AND COLOR

LOG CONDENSER WATER IN TEMPERATURE

LOG CONDENSER WATER OUT TEMPERATURE

MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED

CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS

Testing is to be done by a NDT Level 2 Technician.

ITEM #3: MCQUAY SCREW AIR COOLED CHILLER
2 COMPRESSORS
Model Number: 45CS27-FR10
Serial Number: STNU070100026

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL

CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)

CLEAN FOUL GAS STRAINER (if applicable)

INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)

CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)

INSPECT AND CLEAN AIR COOLED CONDENSER COILS

DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)

LEAK TEST ENTIRE UNIT

CALIBRATE OPERATING CONTROLS

EXHIBIT A: CHILLER- SCOPE OF WORK

INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
INSPECT SLIP VALVE OPERATION
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CHANGE OIL FILTER ELEMENT (if applicable)
CALIBRATE FLOW SWITCHES/DEVICES
COMB FINS (if applicable)
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART C: Legal Services Building, 32 North Stone, Tucson, AZ 85701

ITEM #1: YORK YS CODEPAK ROTARY SCREW CHILLER WATER COOLED CHILLER
Model Number: YSDCDAS3-CMA0
Serial Number: YEYM687451

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
CHECK UNIT OPERATION
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD

EXHIBIT A: CHILLER- SCOPE OF WORK

CHECK GAUGES/INDICATOR LIGHTS
CHECK MOISTURE INDICATOR
CALIBRATE FLOW SWITCHES/DEVICES (if applicable)
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
INSPECT SLIDE VALVE
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS

Testing is to be done by a NDT Level 2 Technician.

ITEM #2: YORK YS CODEPAK ROTARY SCREW WATER COOLED CHILLER
Model Number: YSDCDAS3-CMA0
Serial Number: YEYM687417

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)

EXHIBIT A: CHILLER- SCOPE OF WORK

REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
CHECK UNIT OPERATION
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CHECK MOISTURE INDICATOR
CALIBRATE FLOW SWITCHES/DEVICES (if applicable)
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
INSPECT SLIDE VALVE
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANALYSIS RESULTS
Testing is to be done by a NDT Level 2 Technician.

EXHIBIT A: CHILLER- SCOPE OF WORK

PART D: Pima County Jail, 1270 West Silverlake, Tucson, AZ 85701

ITEM #1: CARRIER RECIPROCATING AIR COOLED CHILLER
Model Number: 30GT-070-600
Serial Number: 5192F28304

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHECK UNIT OPERATION
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COIL
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CALIBRATE EXVALVE
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: COOLER AND CONDENSER
CLEAN WATER STRAINERS
CHANGE OIL FILTER ELEMENT (if applicable)
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

EXHIBIT A: CHILLER- SCOPE OF WORK

ITEM #2: CARRIER RECIPROCATING AIR COOLED CHILLER
Model Number: 30GT-070-600
Serial Number: 5192F28303

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHECK UNIT OPERATION
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COIL
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CALIBRATE EXVALVE
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: COOLER AND CONDENSER
CLEAN WATER STRAINERS
CHANGE OIL FILTER ELEMENT (if applicable)
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

ITEM #3: McQUAY CENTRIFUGAL WATER COOLED CHILLER #3
Model# WS-0063-D-AAA
Serial# E744171010

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
CHECK UNIT OPERATION
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LUBRICATE VANE CONTROL LINKAGE BEARINGS,
BALL JOINTS AND PIVOT POINTS WITH LIGHT MACHINERY OIL (SAE 20)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED
& DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
REPLACE FILTER DRYER
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED
& DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS

Testing is to be done by a NDT Level 2 Technician.

ITEM #4: McQUAY CENTRIFUGAL WATER COOLED CHILLER #4
Model# WS-0063-D-AAA
Serial# E744171020

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
CHECK UNIT OPERATION
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LUBRICATE VANE CONTROL LINKAGE BEARINGS,
BALL JOINTS AND PIVOT POINTS WITH LIGHT MACHINERY OIL (SAE 20)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
LUBRICATE EQUIPMENT AS NEEDED
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
REPLACE FILTER DRYER
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR

EXHIBIT A: CHILLER- SCOPE OF WORK

LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANALYSIS RESULTS

Testing is to be done by a NDT Level 2 Technician.

PART E: Downtown Library, 101 N. Stone Avenue, Tucson, AZ 85701

ITEM #1: YORK CENTRIFUGAL WATER COOLED CHILLER
Model Number: CYRK 2B12
Serial Number: 423268

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
REPLACE FILTER DRIER. IF MOISTURE IS INDICATED
REMOVE ANY FREE WATER FROM PURGE TANK
INSPECT VANE OPERATION
LUBRICATE VANE CONTROL LINKAGE BEARINGS, BALL JOINTS AND PIVOT POINTS WITH LIGHT MACHINERY OIL (SAE 20)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHANGE COMPRESSOR OIL FILTER ELEMENT
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES

EXHIBIT A: CHILLER- SCOPE OF WORK

RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
REPLACE FILTER DRYER
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
Testing is to be done by a NDT Level 2 Technician.

ITEM #2: YORK CENTRIFUGAL WATER COOLED CHILLER
Model Number: CYRK 018
Serial Number: 78145

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
REPLACE FILTER DRIER. IF MOISTURE IS INDICATED
REMOVE ANY FREE WATER FROM PURGE TANK
INSPECT VANE OPERATION
LUBRICATE VANE CONTROL LINKAGE BEARINGS, BALL JOINTS AND PIVOT POINTS WITH LIGHT MACHINERY OIL (SAE 20)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

EXHIBIT A: CHILLER- SCOPE OF WORK

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES AND CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
REPLACE FILTER DRYER
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANALYSIS RESULTS

Testing is to be done by a NDT Level 2 Technician.

PART F: Bank of America Building, 33 N. Stone Avenue, Tucson, AZ 85701

ITEM #1: TRANE CENTRIFUGAL WATER COOLED CHILLER
Model Number: CVHE500
Serial Number: L08A00068

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
REMOVE ANY FREE WATER FROM PURGE TANK
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
LUBRICATE VANE CONTROL LINKAGE BEARINGS,
BALL JOINTS AND PIVOT POINTS WITH LIGHT MACHINERY OIL (SAE 20)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS

EXHIBIT A: CHILLER- SCOPE OF WORK

TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER
CHANGE COMPRESSOR OIL FILTER ELEMENT
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS

Testing is to be done by a NDT Level 2 Technician.

ITEM #2: TRANE CENTRIFUGAL WATER COOLED CHILLER
Model Number: CVHE500
Serial Number: L08A00078

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)

EXHIBIT A: CHILLER- SCOPE OF WORK

REPLACE FILTER DRIER, IF MOISTURE IS INDICATED (if applicable)
REMOVE ANY FREE WATER FROM PURGE TANK
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
LUBRICATE VANE CONTROL LINKAGE BEARINGS,
BALL JOINTS AND PIVOT POINTS WITH LIGHT MACHINERY OIL (SAE 20)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRIER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
Testing is to be done by a NDT Level 2 Technician.

ITEM #3: TRANE RECIPROCATING AIR COOLED CHILLER
Model Number: RTAA1004YH01 A3COBN
Serial Number: U97D01364 460V3M

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Quarterly

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
- CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
- CLEAN FOUL GAS STRAINER (if applicable)
- INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable) CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
- DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
- CHECK UNIT OPERATION
- INSPECT AND CLEAN AIR COOLED CONDENSER COILS
- LEAK TEST ENTIRE UNIT
- CALIBRATE OPERATING CONTROLS
- INSPECT CONTACTORS
- TIGHTEN ELECTRICAL CONNECTIONS
- CHECK STARTER WIRING AND CONTACTS
- CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
- CHECK GAUGES/INDICATOR LIGHTS
- CALIBRATE FLOW SWITCHES/DEVICES
- REVIEW AND EVALUATE LOG READINGS
- CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
- LUBRICATE EQUIPMENT AS NEEDED
- CLEAN UP WORK STATION
- REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
- 1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
- 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
- PERFORM QUARTERLY INSPECTION
- CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
- REPLACE FILTER DRIER (if applicable)
- CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
- CLEAN WATER STRAINERS
- CHECK SAFETY/OPERATING CONTROLS
- LOG COOLER REFRIGERANT TEMPERATURE
- LOG COOLER REFRIGERANT PRESSURE
- LOG COOLER REFRIGERANT LEVEL
- LOG OIL LEVEL AND COLOR
- LOG CONDENSER WATER IN TEMPERATURE
- LOG CONDENSER WATER OUT TEMPERATURE
- MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
- MAKE OPERATION/CONTROL ADJUSTMENTS
- COMB FINS (if applicable)
- CLEAN UP WORK STATION
- REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
- 1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
- 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART G: Building 97 E. Congress, Tucson, AZ 85701

- ITEM #1:** CARRIER RECIPROCATING AIR COOLED CHILLER
6 COMPRESSORS
Model Number: 30RBA1305-OBC-7-1
Serial Number: 1806Q81183

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Quarterly

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
- CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
- CLEAN FOUL GAS STRAINER (if applicable)
- INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
- CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
- INSPECT AND CLEAN AIR COOLED CONDENSER COILS
- LEAK TEST ENTIRE UNIT
- CALIBRATE OPERATING CONTROLS
- INSPECT CONTACTORS
- TIGHTEN ELECTRICAL CONNECTIONS
- CHECK STARTER WIRING AND CONTACTS
- CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
- CHECK GAUGES/INDICATOR LIGHTS
- CALIBRATE FLOW SWITCHES/DEVICES
- REVIEW AND EVALUATE LOG READINGS
- CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
- LUBRICATE EQUIPMENT AS NEEDED
- CLEAN UP WORK STATION
- REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
- 1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
- 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
- PERFORM QUARTERLY INSPECTION
- REPLACE FILTER DRYER (if applicable)
- CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
- CLEAN WATER STRAINERS (if applicable)
- CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
- CHECK SAFETY/OPERATING CONTROLS
- LOG COOLER REFRIGERANT TEMPERATURE
- LOG COOLER REFRIGERANT PRESSURE
- LOG COOLER REFRIGERANT LEVEL
- LOG OIL LEVEL AND COLOR
- LOG CONDENSER WATER IN TEMPERATURE
- LOG CONDENSER WATER OUT TEMPERATURE
- MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
- COMB FINS (if applicable)
- CLEAN UP WORK STATION
- REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
- 1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
- 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART H: Sheriff's Administration 1750 E. BENSON HWY TUCSON, AZ. 85701

- ITEM #1** TRANE RECIPROCATING AIR COOLED CHILLER
PACKAGE UNIT WITH TWO COMPRESSORS
Model# RTAC 1704 UK0H UAFN N1WX 1CDL NNOF N11C N0EX N
Serial# U05H03613

Frequency of service: Quarterly

EXHIBIT A: CHILLER- SCOPE OF WORK

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CLEAN WATER STRAINERS (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
COMB FINS (if applicable)
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART I: Adult Probation, 2695 E. Ajo Way, Tucson, AZ 85701

ITEM #1 DUNHAM BUSH SCREW WATER COOLED CHILLER
Model# HWSC60-D
Serial# 2110801A93M

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT

EXHIBIT A: CHILLER- SCOPE OF WORK

CLEAN FOUL GAS STRAINER
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
REPLACE FILTER DRIER. IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SLIDE VALVE OPERATION
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

EXHIBIT A: CHILLER- SCOPE OF WORK

ITEM #2 DUNHAM BUSH SCREW WATER COOLED CHILLER
Model# HWSC60-D
Serial# 2110801B93M

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT
CLEAN FOUL GAS STRAINER
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
REPLACE FILTER DRIER. IF MOISTURE IS INDICATED
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
FLUSH COOLING SYSTEM FOR POWER CONTROLLER (if applicable)
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

PART J: Kino Service Center, 2797 E. Ajo Way, Tucson, AZ 85701

ITEM #1 TRANE RECIPROCATING AIR COOLED CHILLER
Model# CGAFC604AHA100DE
Serial# C03D03197

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CLEAN WATER STRAINERS
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

EXHIBIT A: CHILLER- SCOPE OF WORK

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

ITEM #2 TRANE RECIPROCATING AIR COOLED CHILLER
Model# CGAFC604AHA100DE
Serial# C03D03198

Frequency of service: Quarterly

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CLEAN WATER STRAINERS
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER (if applicable)
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

EXHIBIT A: CHILLER- SCOPE OF WORK

PART K: Abrams Public Health Center, 5950 S. Country Club, Tucson, AZ 85701

ITEM #1 YORK CENTRIFUGAL WATER COOLED CHILLER
Model# YKDFDQ7-CNFS
Serial# SARM 041040

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT
CLEAN FOUL GAS STRAINER
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

ITEM #2 YORK CENTRIFUGAL WATER COOLED CHILLER
Model# YKDFDGQ7 CNFS
Serial# SARM 041050

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT
CLEAN FOUL GAS STRAINER
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS - MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, CHANGE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION

EXHIBIT A: CHILLER- SCOPE OF WORK

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

PART L: ROMP Lab 3035 E. Camino Del Cerro

ITEM #1 CARRIER CENTRIFUGAL WATER COOLED CHILLER
Model# 19XRV2021234BES64
Serial# 2311Q20774

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR

EXHIBIT A: CHILLER- SCOPE OF WORK

CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

ITEM #2 CARRIER CENTRIFUGAL WATER COOLED CHILLER
Model# 19XRV2021234BES64
Serial# 2311Q20775

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER

EXHIBIT A: CHILLER- SCOPE OF WORK

REMOVE END BELLS ON BOTH ENDS. BRUSH TUBES, REPLACE ANODES
RE-INSTALL BOTH END BELLS, USING NEW GASKETS AND CHECK FOR WATER LEAKS
CLEAN WATER STRAINERS
INSPECT END SHEETS FOR CRACKS AND HOLES
CONDUCT VIBRATION ANALYSIS FOR MOTOR AND COMPRESSOR
PROVIDE WRITTEN, SIGNED AND DATED REPORT OF VIBRATION AND ANALYSIS FOR MOTOR & COMPRESSOR
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Every three (03) years, beginning year one of contract:

CONDUCT EDDY CURRENT TESTING OF CONDENSER TUBES BRUSH EVAPORATOR TUBES & PROVIDE WRITTEN, SIGNED AND DATED REPORT OF ANNALYSIS RESULTS
(Testing is to be done by a NDT Level 2 Technician)

PART M: Forensic Science Center 2825 E. District St.

ITEM #1 CARRIER RECIPROCATING AIR COOLED CHILLER
CLOSED SYSTEM 4 COMPRESSORS
Model# 30GTN090-E-531PT
Serial# 3304F52067

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
INSPECT EXVALVE
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

EXHIBIT A: CHILLER- SCOPE OF WORK

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CLEAN WATER STRAINERS
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART N: Wastewater Management 2600 W. Sweetwater Drive

ITEM #1 CARRIER SCROLL AIR COOLED CHILLER
Model# 30RBA07062-B67R
Serial# 3308Q70563

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
REPLACE FILTER DRIER, IF MOISTURE IS INDICATED (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
CLEAN WATER STRAINERS (if applicable)
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE

EXHIBIT A: CHILLER- SCOPE OF WORK

LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART O: Administration West 150 W. Congress St.

ITEM #1 TRANE RECIPROCATING AIR COOLED CHILLER
Model# CGAFC404ALA10000E0000000000W09
Serial# C07D03739

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CLEAN WATER STRAINERS (if applicable)
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR (if applicable)
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE

EXHIBIT A: CHILLER- SCOPE OF WORK

MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED

COMB FINS (if applicable)

CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

ITEM #2 TRANE RECIPROCATING AIR COOLED CHILLER

Model# CGAFC404ALA10000E000000000W09

Serial# C07H08878

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL

CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)

CLEAN FOUL GAS STRAINER (if applicable)

CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)

DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)

INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)

INSPECT AND CLEAN AIR COOLED CONDENSER COILS

LEAK TEST ENTIRE UNIT

CALIBRATE OPERATING CONTROLS

INSPECT CONTACTORS

TIGHTEN ELECTRICAL CONNECTIONS

CHECK STARTER WIRING AND CONTACTS

CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND RECORD

CHECK GAUGES/INDICATOR LIGHTS

CALIBRATE FLOW SWITCHES/DEVICES

REVIEW AND EVALUATE LOG READINGS

CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM

LUBRICATE EQUIPMENT AS NEEDED

CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL

PERFORM QUARTERLY INSPECTION

REPLACE FILTER DRYER (if applicable)

CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)

CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER

CLEAN WATER STRAINERS (if applicable)

CHECK SAFETY/OPERATING CONTROLS

LOG COOLER REFRIGERANT TEMPERATURE

LOG COOLER REFRIGERANT PRESSURE

LOG COOLER REFRIGERANT LEVEL

LOG OIL LEVEL AND COLOR (if applicable)

LOG CONDENSER WATER IN TEMPERATURE

LOG CONDENSER WATER OUT TEMPERATURE

MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED

COMB FINS (if applicable)

CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

EXHIBIT A: CHILLER- SCOPE OF WORK

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELAGATE SIGNATURE.

PART P: Mission Library 3770 S. Mission Rd.

ITEM #1 MCQUAY RECIPROCATING AIR COOLED CHILLER
Model# AG2045AF42-ER10
Serial# STNU020300166

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR (if applicable)
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

EXHIBIT A: CHILLER- SCOPE OF WORK

PART Q: Columbus Library 4350 E. 22nd St.

ITEM #1 CARRIER RECIPROCATING AIR COOLED CHILLER
Model# 30RAN050E—601FC
Serial# 2602F64140

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR (if applicable)
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART R: Valencia Library 202 W. Valencia St.

ITEM #1 MCQUAY RECIPROCATING AIR COOLED CHILLER
Model# ALR060E
Serial# 57E8140701

EXHIBIT A: CHILLER- SCOPE OF WORK

Frequency of service: Quarterly

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
- CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
- CLEAN FOUL GAS STRAINER (if applicable)
- CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
- DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
- INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
- INSPECT AND CLEAN AIR COOLED CONDENSER COILS
- LEAK TEST ENTIRE UNIT
- CALIBRATE OPERATING CONTROLS
- INSPECT CONTACTORS
- TIGHTEN ELECTRICAL CONNECTIONS
- CHECK STARTER WIRING AND CONTACTS
- CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
- CHECK GAUGES/INDICATOR LIGHTS
- CALIBRATE FLOW SWITCHES/DEVICES
- REVIEW AND EVALUATE LOG READINGS
- CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
- LUBRICATE EQUIPMENT AS NEEDED
- CLEAN UP WORK STATION
- REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
- 1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
- 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL
- PERFORM QUARTERLY INSPECTION
- REPLACE FILTER DRYER (if applicable)
- CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
- CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
- CHECK SAFETY/OPERATING CONTROLS
- LOG COOLER REFRIGERANT TEMPERATURE
- LOG COOLER REFRIGERANT PRESSURE
- LOG COOLER REFRIGERANT LEVEL
- LOG OIL LEVEL AND COLOR (if applicable)
- LOG CONDENSER WATER IN TEMPERATURE
- LOG CONDENSER WATER OUT TEMPERATURE
- MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
- COMB FINS (if applicable)
- CLEAN UP WORK STATION
- REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
- 1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
- 2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART S: Woods Library 3455 N. 1st.

- ITEM #1** TRANE RECIPROCATING AIR COOLED CHILLER
- Model# GGAEC60EAEICDEGRT
- Serial# J97G82644

Frequency of service: Quarterly

Maintenance

- REPORT TO CUSTOMER UPON ARRIVAL

EXHIBIT A: CHILLER- SCOPE OF WORK

CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR (if applicable)
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE
1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

PART T: 200 N. Stone

ITEM #1 TRANE RECIPROCATING AIR COOLED CHILLER
Model# CGAFC40EALA1L00D
Serial# C07D03737

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)

EXHIBIT A: CHILLER- SCOPE OF WORK

INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS
CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR (if applicable)
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION
REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

1. PROVIDE & DELIVER WRITTEN SERVICE REPORT TO SUPERVISOR/DELEGATE THAT IS SIGNED, DATED & DESCRIBES SERVICES PERFORMED
2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

ITEM #2 TRANE RECIPROCATING AIR COOLED CHILLER
Model# CGAFC40EALA1L00D
Serial# C07D03736

Frequency of service: Quarterly

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
CHANGE DEHYDRATOR IN PURGE UNIT (if applicable)
CLEAN FOUL GAS STRAINER (if applicable)
CHECK NOZZLE OF EDUCTOR FOR FOREIGN PARTICLES (if applicable)
DRAIN OIL SAMPLE. PROVIDE WRITTEN TEST RESULTS (quarterly) (if applicable)
INSPECT AND CHANGE OIL FILTER ELEMENT IF MOISTURE IS INDICATED (if applicable)
INSPECT AND CLEAN AIR COOLED CONDENSER COILS
LEAK TEST ENTIRE UNIT
CALIBRATE OPERATING CONTROLS
INSPECT CONTACTORS
TIGHTEN ELECTRICAL CONNECTIONS
CHECK STARTER WIRING AND CONTACTS

EXHIBIT A: CHILLER- SCOPE OF WORK

CALIBRATE MOTOR AMPS & VOLTS – MEG MOTOR AND REPORT
CHECK GAUGES/INDICATOR LIGHTS
CALIBRATE FLOW SWITCHES/DEVICES
REVIEW AND EVALUATE LOG READINGS
CHECK PRESSURE DIFFERENCE THRU BARRELS FOR REQUIRED GPM
LUBRICATE EQUIPMENT AS NEEDED
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

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2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

Frequency of service: Annually

Maintenance

REPORT TO CUSTOMER UPON ARRIVAL
PERFORM QUARTERLY INSPECTION
REPLACE FILTER DRYER (if applicable)
CHANGE COMPRESSOR OIL FILTER ELEMENT (if applicable)
CHECK GENERAL MACHINE OPERATION: EVAPORATOR AND CONDENSER
CHECK SAFETY/OPERATING CONTROLS
LOG COOLER REFRIGERANT TEMPERATURE
LOG COOLER REFRIGERANT PRESSURE
LOG COOLER REFRIGERANT LEVEL
LOG OIL LEVEL AND COLOR (if applicable)
LOG CONDENSER WATER IN TEMPERATURE
LOG CONDENSER WATER OUT TEMPERATURE
MAKE EQUIPMENT ADJUSTMENTS AS REQUIRED
COMB FINS (if applicable)
CLEAN UP WORK STATION

REPORT TO CUSTOMER: ADVISE & OBTAIN SIGNATURE

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2. OBTAIN SUPERVISOR/AUTHORIZED DELEGATE SIGNATURE.

END OF EXHIBIT A

EXHIBIT B: LIVING WAGE

Living Wage Requirement

This solicitation is subject to the Pima County living wage requirements as provided in the Pima County Procurement Code section 11.38 which specifies that a living wage requirement be included in County contracts for specific services.

Contractors entering into eligible contracts with Pima County for the covered services shall pay a living wage to their eligible employees for the hours expended providing services to Pima County. Eligible employees shall receive a wage not less than \$11.06 per hour. A contractor may pay its eligible employees a wage of no less than \$9.63 per hour if the contractor provides health benefits with a monthly value at least as high as the difference between that wage and a monthly wage based on \$11.06 per hour. A copy of section 11.38 of the Procurement Code is attached for your review and complete compliance. Contractors shall include all costs necessary for complete compliance to the living wage requirement.

In bid preparation, Contractors will need to consider the possibility of increased administrative costs. The following is a brief description of key Living Wage reporting requirements. These are not limited to but include:

One time reports: Due at the beginning term of each contract/renewal

- >Payroll calendar
- >Certificate of Living Wage Payments Form
- > Master Listing of employees eligible to work on Pima County jobs
- >Listing of Subcontractors to be used (if applicable)

Staffing Plans, Including Subcontractors (work schedules): Due **prior** to work performed to enable the Compliance Officer to rate check and interview employees; *If there is not sufficient time prior to performing work, then a plan must be submitted as soon as possible after work is performed:*

- >Name of employee(s) who will be working
- >Where work is performed
- >Approximate time-frame work will be performed
- >Total approximate hours to be worked
- >Revised plan IF any information changed from the original staffing plan

Payroll Reports: Must be provided to the Compliance Officer 7 days after EVERY pay period

- >Statement of Compliance
- >Payroll Summary Reports:
 - *Name of all employees on a Pima County job*
 - *Total hours worked/rate of pay/gross pay/paycheck number*
 - *Support documentation for this information*
 - *Signed "Statement of Compliance" even if no payroll performed*

Subcontracted Labor (if applicable): Packets are required to be submitted to Pima County's Compliance Officer as soon as the Subcontractor is issued payment. This includes:

- >A letter signed by subcontractor indicating that laborers associated with the work billed on their attached invoice were paid at or above the Living Wage required rate
- >the check # and date which this invoice was paid should be noted
- >Attach the appropriate staffing plans (work schedules) of the subcontractor to this invoice. The subcontractor employee payroll check# needs to be noted beside their employee (s) name

END OF EXHIBIT B: LIVING WAGE