

AM0002

SECTION E - SOLICITATION PROVISIONS

ADDENDUM to FAR 52.212-1 INSTRUCTIONS TO OFFERORS—COMMERCIAL ITEMS

Provisions that are incorporated by reference (by Citation Number, Title, and Date), have the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available.

The following provisions are incorporated into 52.212-1 as an addendum to this solicitation:

52.209-5 REPRESENTATION BY CORPORATIONS REGARDING AN UNPAID TAX LIABILITY OR A FELONY CONVICTION UNDER ANY FEDERAL LAW (DEVIATION)(MAR 2012)

(a) In accordance with Division H, sections 8124 and 8125 of P.L. 112-74 and sections 738 and 739 of P.L. 112-55 none of the funds made available by either Act may be used to enter into a contract with any corporation that—

(1) Has an unpaid federal tax liability, unless the agency has considered suspension or debarment of the corporation and the Suspension and Debarment Official has made a determination that this action is not necessary to protect the interests of the Government.

(2) Has a felony criminal violation under any Federal or State law within the preceding 24 months, unless the agency has considered suspension or debarment of the corporation and Suspension and Debarment Official has made a determination that this action is not necessary to protect the interests of the Government.

(b) The Offeror represents that—

(1) The offeror does ☐ does not ☐ have any unpaid Federal tax liability that has been assessed and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability.

(2) The offeror, its officers or agents acting on its behalf have ☐ have not ☐ been convicted of a felony criminal violation under a Federal or State law within the preceding 24 months.

(End of Provision)

VAAR 852.215-70 SERVICE-DISABLED VETERAN-OWNED AND VETERAN-OWNED SMALL BUSINESS EVALUATION FACTORS (DEC 2009)

(a) In an effort to achieve socioeconomic small business goals, depending on the evaluation factors included in the solicitation, VA shall evaluate offerors based on their service-disabled veteran-owned or veteran-owned small business status and their proposed use of eligible service-disabled veteran-owned small businesses and veteran-owned small businesses as subcontractors.

(b) Eligible service-disabled veteran-owned offerors will receive full credit, and offerors qualifying as veteran-owned small businesses will receive partial credit for the Service-Disabled Veteran-Owned and Veteran-owned Small Business Status evaluation factor. To receive credit, an offeror must be registered and verified in Vendor Information Pages (VIP) database. (<http://www.VetBiz.gov>).

(c) Non-veteran offerors proposing to use service-disabled veteran-owned small businesses or veteran-owned small businesses as subcontractors will receive some consideration under this evaluation factor. Offerors must state in their proposals the names of the SDVOSBs and VOSBs with whom they intend to subcontract and provide a brief description of the proposed subcontracts and the approximate dollar values of the proposed subcontracts. In addition, the proposed subcontractors must be registered and verified in the VetBiz.gov VIP database (<http://www.vetbiz.gov>).

(End of Provision)

E.1 52.212-1 INSTRUCTIONS TO OFFERORS—COMMERCIAL ITEMS (JAN 2017)

(a) *North American Industry Classification System (NAICS) code and small business size standard.* The NAICS code and small business size standard for this acquisition appear in Block 10 of the solicitation cover sheet (SF 1449). However, the small business size standard for a concern which submits an offer in its own name, but which proposes to furnish an item which it did not itself manufacture, is 500 employees.

(b) *Submission of offers.* Submit signed and dated offers to the office specified in this solicitation at or before the exact time specified in this solicitation. Offers may be submitted on the SF 1449, letterhead stationery, or as otherwise specified in the solicitation. As a minimum, offers must show—

- (1) The solicitation number;
- (2) The time specified in the solicitation for receipt of offers;
- (3) The name, address, and telephone number of the offeror;
- (4) A technical description of the items being offered in sufficient detail to evaluate compliance with the requirements in the solicitation. This may include product literature, or other documents, if necessary;
- (5) Terms of any express warranty;
- (6) Price and any discount terms;
- (7) "Remit to" address, if different than mailing address;
- (8) A completed copy of the representations and certifications at FAR 52.212-3 (see FAR 52.212-3(b) for those representations and certifications that the offeror shall complete electronically);
- (9) Acknowledgment of Solicitation Amendments;
- (10) Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references (including contract numbers, points of contact with telephone numbers and other relevant information); and

(11) If the offer is not submitted on the SF 1449, include a statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation. Offers that fail to furnish required representations or information, or reject the terms and conditions of the solicitation may be excluded from consideration.

(c) *Period for acceptance of offers.* The offeror agrees to hold the prices in its offer firm for 30 calendar days from the date specified for receipt of offers, unless another time period is specified in an addendum to the solicitation.

(d) *Product samples.* When required by the solicitation, product samples shall be submitted at or prior to the time specified for receipt of offers. Unless otherwise specified in this solicitation, these samples shall be submitted at no expense to the Government, and returned at the sender's request and expense, unless they are destroyed during pre-award testing.

(e) *Multiple offers.* Offerors are encouraged to submit multiple offers presenting alternative terms and conditions, including alternative line items (provided that the alternative line items are consistent with subpart 4.10 of the Federal Acquisition Regulation), or alternative commercial items for satisfying the requirements of this solicitation. Each offer submitted will be evaluated separately.

(f) Late submissions, modifications, revisions, and withdrawals of offers.

(1) Offerors are responsible for submitting offers, and any modifications, revisions, or withdrawals, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that offers or revisions are due.

(2)(i) Any offer, modification, revision, or withdrawal of an offer received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and—

(A) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of offers; or

(B) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(C) If this solicitation is a request for proposals, it was the only proposal received.

(ii) However, a late modification of an otherwise successful offer, that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(3) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the offer wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(4) If an emergency or unanticipated event interrupts normal Government processes so that offers cannot be received at the Government office designated for receipt of offers by the exact time specified in

the solicitation, and urgent Government requirements preclude amendment of the solicitation or other notice of an extension of the closing date, the time specified for receipt of offers will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(5) Offers may be withdrawn by written notice received at any time before the exact time set for receipt of offers. Oral offers in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile offers, offers may be withdrawn via facsimile received at any time before the exact time set for receipt of offers, subject to the conditions specified in the solicitation concerning facsimile offers. An offer may be withdrawn in person by an offeror or its authorized representative if, before the exact time set for receipt of offers, the identity of the person requesting withdrawal is established and the person signs a receipt for the offer.

(g) *Contract award (not applicable to Invitation for Bids)*. The Government intends to evaluate offers and award a contract without discussions with offerors. Therefore, the offeror's initial offer should contain the offeror's best terms from a price and technical standpoint. However, the Government reserves the right to conduct discussions if later determined by the Contracting Officer to be necessary. The Government may reject any or all offers if such action is in the public interest; accept other than the lowest offer; and waive informalities and minor irregularities in offers received.

(h) *Multiple awards*. The Government may accept any item or group of items of an offer, unless the offeror qualifies the offer by specific limitations. Unless otherwise provided in the Schedule, offers may not be submitted for quantities less than those specified. The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit prices offered, unless the offeror specifies otherwise in the offer.

(i) Availability of requirements documents cited in the solicitation.

(1)(i) The GSA Index of Federal Specifications, Standards and Commercial Item Descriptions, FPMR Part 101-29, and copies of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained for a fee by submitting a request to—

GSA Federal Supply Service Specifications Section

Suite 8100 470 East L'Enfant Plaza, SW

Washington, DC 20407

Telephone (202) 619-8925

Facsimile (202) 619-8978.

(ii) If the General Services Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (i)(1)(i) of this provision. Additional copies will be issued for a fee.

(2) Most unclassified Defense specifications and standards may be downloaded from the following ASSIST websites:

(i) ASSIST (<https://assist.dla.mil/online/start/>);

(ii) Quick Search (<http://quicksearch.dla.mil/>);

(iii) ASSISTdocs.com (<http://assistdocs.com>).

(3) Documents not available from ASSIST may be ordered from the Department of Defense Single Stock Point (DoDSSP) by?

(i) Using the ASSIST Shopping Wizard (<https://assist.dla.mil/wizard/index.cfm>);

(ii) Phoning the DoDSSP Customer Service Desk (215) 697-2179, Mon-Fri, 0730 to 1600 EST; or

(iii) Ordering from DoDSSP, Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

(4) Nongovernment (voluntary) standards must be obtained from the organization responsible for their preparation, publication, or maintenance.

(j) *Unique entity identifier.* (Applies to all offers exceeding \$3,500, and offers of \$3,500 or less if the solicitation requires the Contractor to be registered in the System for Award Management (SAM) database.) The Offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation “Unique Entity Identifier” followed by the unique entity identifier that identifies the Offeror’s name and address. The Offeror also shall enter its Electronic Funds Transfer (EFT) indicator, if applicable. The EFT indicator is a four-character suffix to the unique entity identifier. The suffix is assigned at the discretion of the Offeror to establish additional SAM records for identifying alternative EFT accounts (see subpart 32.11) for the same entity. If the Offeror does not have a unique entity identifier, it should contact the entity designated at www.sam.gov for unique entity identifier establishment directly to obtain one. The Offeror should indicate that it is an offeror for a Government contract when contacting the entity designated at www.sam.gov for establishing the unique entity identifier.

(k) *System for Award Management.* Unless exempted by an addendum to this solicitation, by submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the SAM database prior to award, during performance and through final payment of any contract resulting from this solicitation. If the Offeror does not become registered in the SAM database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror. Offerors may obtain information on registration and annual confirmation requirements via the SAM database accessed through <https://www.acquisition.gov>.

(l) *Debriefing.* If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

(1) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.

(2) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.

(3) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.

(4) A summary of the rationale for award;

(5) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

(6) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.

(End of Provision)

E.2 52.212-2 EVALUATION—COMMERCIAL ITEMS (OCT 2014)

(a) The Government will award a contract resulting from this solicitation to the responsible offeror whose offer conforming to the solicitation will be most advantageous to the Government, price and other factors considered. The following factors shall be used to evaluate offers:

1. Factor 1 – Experience (PASS/FAIL): Offeror must provide proof of more than three (3) year experience in providing boiler maintenance services
And submit past project experience for three (3) relevant Boiler Maintenance projects with a dollar value above \$500,000, completed within the last five (5) years from date of bid.
And include a copy of your active HAZMAT CERT and OSHA card (no more than three (5) years older than the date of bid)

Relevancy is equal to hospitals, schools, colleges, or facilities with similar in size and scope as define in this requirement.

2. Factor 2 – Price: All offers shall be sorted by price (lowest to highest) then each offer will be evaluated for technical acceptability. Award will be made to the lowest priced technical acceptable (LPTA) offeror.

(b) *Options.* The Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. The Government may determine that an offer is unacceptable if the option prices are significantly unbalanced. Evaluation of options shall not obligate the Government to exercise the option(s).

(c) A written notice of award or acceptance of an offer, mailed or otherwise furnished to the successful offeror within the time for acceptance specified in the offer, shall result in a binding contract without further action by either party. Before the offer's specified expiration time, the Government may accept an offer (or part of an offer), whether or not there are negotiations after its receipt, unless a written notice of withdrawal is received before award.

(End of Provision)

E.3 52.212-3 OFFEROR REPRESENTATIONS AND CERTIFICATIONS—COMMERCIAL ITEMS (JAN 2017)

The Offeror shall complete only paragraph (b) of this provision if the Offeror has completed the annual representations and certification electronically via the System for Award Management (SAM) Web site located at <https://www.sam.gov/portal>. If the Offeror has not completed the annual representations and certifications electronically, the Offeror shall complete only paragraphs (c) through (u) of this provision.

(a) *Definitions.* As used in this provision—

Administrative merits determination means certain notices or findings of labor law violations issued by an enforcement agency following an investigation. An administrative merits determination may be final

or be subject to appeal or further review. To determine whether a particular notice or finding is covered by this definition, it is necessary to consult section II.B. in the DOL Guidance.

Arbitral award or decision means an arbitrator or arbitral panel determination that a labor law violation occurred, or that enjoined or restrained a violation of labor law. It includes an award or decision that is not final or is subject to being confirmed, modified, or vacated by a court, and includes an award or decision resulting from private or confidential proceedings. To determine whether a particular award or decision is covered by this definition, it is necessary to consult section II.B. in the DOL Guidance.

Civil judgment means—

(1) In paragraph (h) of this provision: A judgment or finding of a civil offense by any court of competent jurisdiction.

(2) In paragraph (s) of this provision: Any judgment or order entered by any Federal or State court in which the court determined that a labor law violation occurred, or enjoined or restrained a violation of labor law. It includes a judgment or order that is not final or is subject to appeal. To determine whether a particular judgment or order is covered by this definition, it is necessary to consult section II.B. in the DOL Guidance.

DOL Guidance means the Department of Labor (DOL) Guidance entitled: “Guidance for Executive Order 13673, ‘Fair Pay and Safe Workplaces’ “. The DOL Guidance, dated August 25, 2016, can be obtained from www.dol.gov/fairpayandsafeworkplaces.

Economically disadvantaged women-owned small business (EDWOSB) concern means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States and who are economically disadvantaged in accordance with 13 CFR part 127. It automatically qualifies as a women-owned small business eligible under the WOSB Program.

Enforcement agency means any agency granted authority to enforce the Federal labor laws. It includes the enforcement components of DOL (Wage and Hour Division, Office of Federal Contract Compliance Programs, and Occupational Safety and Health Administration), the Equal Employment Opportunity Commission, the Occupational Safety and Health Review Commission, and the National Labor Relations Board. It also means a State agency designated to administer an OSHA-approved State Plan, but only to the extent that the State agency is acting in its capacity as administrator of such plan. It does not include other Federal agencies which, in their capacity as contracting agencies, conduct investigations of potential labor law violations. The enforcement agencies associated with each labor law under E.O. 13673 are—

(1) Department of Labor Wage and Hour Division (WHD) for—

- (i) The Fair Labor Standards Act;
- (ii) The Migrant and Seasonal Agricultural Worker Protection Act;
- (iii) 40 U.S.C. chapter 31, subchapter IV, formerly known as the Davis-Bacon Act;
- (iv) 41 U.S.C. chapter 67, formerly known as the Service Contract Act;
- (v) The Family and Medical Leave Act; and

- (vi) E.O. 13658 of February 12, 2014 (Establishing a Minimum Wage for Contractors);
- (2) Department of Labor Occupational Safety and Health Administration (OSHA) for—
 - (i) The Occupational Safety and Health Act of 1970; and
 - (ii) OSHA-approved State Plans;
- (3) Department of Labor Office of Federal Contract Compliance Programs (OFCCP) for—
 - (i) Section 503 of the Rehabilitation Act of 1973;
 - (ii) The Vietnam Era Veterans' Readjustment Assistance Act of 1972 and the Vietnam Era Veterans' Readjustment Assistance Act of 1974; and
 - (iii) E.O. 11246 of September 24, 1965 (Equal Employment Opportunity);
- (4) National Labor Relations Board (NLRB) for the National Labor Relations Act; and
- (5) Equal Employment Opportunity Commission (EEOC) for—
 - (i) Title VII of the Civil Rights Act of 1964;
 - (ii) The Americans with Disabilities Act of 1990;
 - (iii) The Age Discrimination in Employment Act of 1967; and
 - (iv) Section 6(d) of the Fair Labor Standards Act (Equal Pay Act).

Forced or indentured child labor means all work or service—

- (1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or
- (2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

Highest-level owner means the entity that owns or controls an immediate owner of the offeror, or that owns or controls one or more entities that control an immediate owner of the offeror. No entity owns or exercises control of the highest level owner.

Immediate owner means an entity, other than the offeror, that has direct control of the offeror. Indicators of control include, but are not limited to, one or more of the following: Ownership or interlocking management, identity of interests among family members, shared facilities and equipment, and the common use of employees.

Inverted domestic corporation means a foreign incorporated entity that meets the definition of an inverted domestic corporation under 6 U.S.C. 395(b), applied in accordance with the rules and definitions of 6 U.S.C. 395(c).

Labor compliance agreement means an agreement entered into between a contractor or subcontractor and an enforcement agency to address appropriate remedial measures, compliance assistance, steps to resolve issues to increase compliance with the labor laws, or other related matters.

Labor laws means the following labor laws and E.O.s:

- (1) The Fair Labor Standards Act.
- (2) The Occupational Safety and Health Act (OSHA) of 1970.
- (3) The Migrant and Seasonal Agricultural Worker Protection Act.
- (4) The National Labor Relations Act.
- (5) 40 U.S.C. chapter 31, subchapter IV, formerly known as the Davis-Bacon Act.
- (6) 41 U.S.C. chapter 67, formerly known as the Service Contract Act.
- (7) E.O. 11246 of September 24, 1965 (Equal Employment Opportunity).
- (8) Section 503 of the Rehabilitation Act of 1973.
- (9) The Vietnam Era Veterans' Readjustment Assistance Act of 1972 and the Vietnam Era Veterans' Readjustment Assistance Act of 1974.
- (10) The Family and Medical Leave Act.
- (11) Title VII of the Civil Rights Act of 1964.
- (12) The Americans with Disabilities Act of 1990.
- (13) The Age Discrimination in Employment Act of 1967.
- (14) E.O. 13658 of February 12, 2014 (Establishing a Minimum Wage for Contractors).
- (15) Equivalent State laws as defined in the DOL Guidance. (The only equivalent State laws implemented in the FAR are OSHA-approved State Plans, which can be found at www.osha.gov/dcsp/osp/approved_state_plans.html).

Labor law decision means an administrative merits determination, arbitral award or decision, or civil judgment, which resulted from a violation of one or more of the laws listed in the definition of “labor laws”.

Manufactured end product means any end product in product and service codes (PSCs) 1000-9999, except—

- (1) PSC 5510, Lumber and Related Basic Wood Materials;
- (2) Product or Service Group (PSG) 87, Agricultural Supplies;
- (3) PSG 88, Live Animals;
- (4) PSG 89, Subsistence;
- (5) PSC 9410, Crude Grades of Plant Materials;
- (6) PSC 9430, Miscellaneous Crude Animal Products, Inedible;

- (7) PSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) PSC 9610, Ores;
- (9) PSC 9620, Minerals, Natural and Synthetic; and
- (10) PSC 9630, Additive Metal Materials.

Place of manufacture means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

Predecessor means an entity that is replaced by a successor and includes any predecessors of the predecessor.

Restricted business operations means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person (as that term is defined in Section 2 of the Sudan Accountability and Divestment Act of 2007) conducting the business can demonstrate—

- (1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;
- (2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;
- (3) Consist of providing goods or services to marginalized populations of Sudan;
- (4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;
- (5) Consist of providing goods or services that are used only to promote health or education; or
- (6) Have been voluntarily suspended.

“Sensitive technology”—

(1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically—

- (i) To restrict the free flow of unbiased information in Iran; or
- (ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and

(2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act (50 U.S.C. 1702(b)(3)).

Service-disabled veteran-owned small business concern—

(1) Means a small business concern—

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

Small business concern means a concern, including its affiliates that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

Small disadvantaged business concern, consistent with 13 CFR 124.1002, means a small business concern under the size standard applicable to the acquisition, that—

(1) Is at least 51 percent unconditionally and directly owned (as defined at 13 CFR 124.105) by—

(i) One or more socially disadvantaged (as defined at 13 CFR 124.103) and economically disadvantaged (as defined at 13 CFR 124.104) individuals who are citizens of the United States; and

(ii) Each individual claiming economic disadvantage has a net worth not exceeding \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); and

(2) The management and daily business operations of which are controlled (as defined at 13.CFR 124.106) by individuals, who meet the criteria in paragraphs (1)(i) and (ii) of this definition.

Subsidiary means an entity in which more than 50 percent of the entity is owned—

(1) Directly by a parent corporation; or

(2) Through another subsidiary of a parent corporation.

Successor means an entity that has replaced a predecessor by acquiring the assets and carrying out the affairs of the predecessor under a new name (often through acquisition or merger). The term “successor” does not include new offices/divisions of the same company or a company that only changes its name. The extent of the responsibility of the successor for the liabilities of the predecessor may vary, depending on State law and specific circumstances.

Veteran-owned small business concern means a small business concern—

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

Women-owned business concern means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

Women-owned small business concern means a small business concern—

(1) That is at least 51 percent owned by one or more women; or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

Women-owned small business (WOSB) concern eligible under the WOSB Program (in accordance with 13 CFR part 127), means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States.

Note to paragraph (a): By a court order issued on October 24, 2016, the following definitions in this paragraph (a) are enjoined indefinitely as of the date of the order: “Administrative merits determination”, “Arbitral award or decision”, paragraph (2) of “Civil judgment”, “DOL Guidance”, “Enforcement agency”, “Labor compliance agreement”, “Labor laws”, and “Labor law decision”. The enjoined definitions will become effective immediately if the court terminates the injunction. At that time, DoD, GSA, and NASA will publish a document in the **Federal Register** advising the public of the termination of the injunction.

(b)(1) *Annual Representations and Certifications.* Any changes provided by the offeror in paragraph (b)(2) of this provision do not automatically change the representations and certifications posted on the SAM website.

(2) The offeror has completed the annual representations and certifications electronically via the SAM website access through <http://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of this offer that the representations and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications—Commercial Items, have been entered or updated in the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201), except for paragraphs .

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

(1) *Small business concern.* The offeror represents as part of its offer that it [] is, [] is not a small business concern.

(2) *Veteran-owned small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents as part of its offer that it [] is, [] is not a veteran-owned small business concern.

(3) *Service-disabled veteran-owned small business concern.* [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror

represents as part of its offer that it [] is, [] is not a service-disabled veteran-owned small business concern.

(4) *Small disadvantaged business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it [] is, [] is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) *Women-owned small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it [] is, [] is not a women-owned small business concern.

(6) WOSB concern eligible under the WOSB Program. [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(5) of this provision.] The offeror represents that—

(i) It [] is, [] is not a WOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It [] is, [] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(6)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture: _____.] Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(7) Economically disadvantaged women-owned small business (EDWOSB) concern. [Complete only if the offeror represented itself as a WOSB concern eligible under the WOSB Program in (c)(6) of this provision.] The offeror represents that—

(i) It [] is, [] is not an EDWOSB concern, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It [] is, [] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(7)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture: _____.] Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

Note: Complete paragraphs (c)(8) and (c)(9) only if this solicitation is expected to exceed the simplified acquisition threshold.

(8) *Women-owned business concern (other than small business concern).* [Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it [] is a women-owned business concern.

(9) *Tie bid priority for labor surplus area concerns.* If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

(10) *HUBZone small business concern.* [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that—

(i) It ☐ is, ☐ is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR Part 126; and

(ii) It ☐ is, ☐ is not a joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. [The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:_____.] Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Representations required to implement provisions of Executive Order 11246—

(1) *Previous contracts and compliance.* The offeror represents that—

(i) It ☐ has, ☐ has not participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) It ☐ has, ☐ has not filed all required compliance reports.

(2) *Affirmative Action Compliance.* The offeror represents that—

(i) It ☐ has developed and has on file, ☐ has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR parts 60-1 and 60-2), or

(ii) It ☐ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) *Certification Regarding Payments to Influence Federal Transactions* (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$150,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract. If any registrants under the Lobbying Disclosure Act of 1995 have made a lobbying contact on behalf of the offeror with respect to this contract, the offeror shall complete and submit, with its offer, OMB Standard Form LLL, Disclosure of Lobbying Activities, to provide the name of the registrants. The offeror need not report regularly

employed officers or employees of the offeror to whom payments of reasonable compensation were made.

(f) *Buy American Certificate*. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American—Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of “domestic end product.” The terms “commercially available off-the-shelf (COTS) item,” “component,” “domestic end product,” “end product,” “foreign end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American—Supplies.”

(2) Foreign End Products:

Line Item No	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate*. (Applies only if the clause at FAR 52.225-3, Buy American—Free Trade Agreements—Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms “Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end product,” “commercially available off-the-shelf (COTS) item,” “component,” “domestic end product,” “end product,” “foreign end product,” “Free Trade Agreement country,” “Free Trade Agreement country end product,” “Israeli end product,” and “United States” are defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act.”

(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Free Trade Agreement Country End Products (Other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

Line Item No.	Country of Origin
---------------	-------------------

_____	_____
_____	_____
_____	_____

[List as necessary]

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) of this provision) as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act.” The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of “domestic end product.”

Other Foreign End Products:

Line Item No.	Country of Origin
---------------	-------------------

_____	_____
_____	_____
_____	_____

[List as necessary]

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate I.* If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Canadian End Products:

Line Item No.

[List as necessary]

(3) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate II.* If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Canadian or Israeli End Products:

Line Item No.	Country of Origin
---------------	-------------------

_____	_____
_____	_____
_____	_____

[List as necessary]

(4) *Buy American—Free Trade Agreements—Israeli Trade Act Certificate, Alternate III.* If Alternate III to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled “Buy American—Free Trade Agreements—Israeli Trade Act”:

Free Trade Agreement Country End Products (Other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

Line Item No.	Country of Origin
---------------	-------------------

_____	_____
_____	_____
_____	_____

[List as necessary]

(5) *Trade Agreements Certificate.* (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(5)(ii) of this provision, is a U.S.-made or designated country end product, as defined in the clause of this solicitation entitled “Trade Agreements”.

(ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products.

Other End Products:

Line Item No.	Country of Origin
_____	_____
_____	_____
_____	_____

[List as necessary]

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy American statute. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) *Certification Regarding Responsibility Matters* (Executive Order 12689). (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals—

(1) ☐ Are, ☐ are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(2) ☐ Have, ☐ have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or Commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property;

(3) ☐ Are, ☐ are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses enumerated in paragraph (h)(2) of this clause; and

(4) ☐ Have, ☐ have not, within a three-year period preceding this offer, been notified of any delinquent Federal taxes in an amount that exceeds \$3,500 for which the liability remains unsatisfied.

(i) Taxes are considered delinquent if both of the following criteria apply:

(A) *The tax liability is finally determined.* The liability is finally determined if it has been assessed. A liability is not finally determined if there is a pending administrative or judicial challenge. In the case of a judicial challenge to the liability, the liability is not finally determined until all judicial appeal rights have been exhausted.

(B) *The taxpayer is delinquent in making payment.* A taxpayer is delinquent if the taxpayer has failed to pay the tax liability when full payment was due and required. A taxpayer is not delinquent in cases where enforced collection action is precluded.

(ii) *Examples.*

(A) The taxpayer has received a statutory notice of deficiency, under I.R.C. Sec. 6212, which entitles the taxpayer to seek Tax Court review of a proposed tax deficiency. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek Tax Court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(B) The IRS has filed a notice of Federal tax lien with respect to an assessed tax liability, and the taxpayer has been issued a notice under I.R.C. Sec. 6320 entitling the taxpayer to request a hearing with the IRS Office of Appeals contesting the lien filing, and to further appeal to the Tax Court if the IRS determines to sustain the lien filing. In the course of the hearing, the taxpayer is entitled to contest the underlying tax liability because the taxpayer has had no prior opportunity to contest the liability. This is not a delinquent tax because it is not a final tax liability. Should the taxpayer seek tax court review, this will not be a final tax liability until the taxpayer has exercised all judicial appeal rights.

(C) The taxpayer has entered into an installment agreement pursuant to I.R.C. Sec. 6159. The taxpayer is making timely payments and is in full compliance with the agreement terms. The taxpayer is not delinquent because the taxpayer is not currently required to make full payment.

(D) The taxpayer has filed for bankruptcy protection. The taxpayer is not delinquent because enforced collection action is stayed under 11 U.S.C. 362 (the Bankruptcy Code).

(i) *Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126).*

(1) *Listed end products.*

Listed End Product	Listed Countries of Origin
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(2) *Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.]*

[] (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

[] (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(j) *Place of manufacture.* (Does not apply unless the solicitation is predominantly for the acquisition of manufactured end products.) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide in response to this solicitation is predominantly—

(1) ☐ In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

(2) ☐ Outside the United States.

(k) *Certificates regarding exemptions from the application of the Service Contract Labor Standards.* (Certification by the offeror as to its compliance with respect to the contract also constitutes its certification as to compliance by its subcontractor if it subcontracts out the exempt services.)

☐ (1) Maintenance, calibration, or repair of certain equipment as described in FAR 22.1003-4(c)(1). The offeror ☐ does ☐ does not certify that—

(i) The items of equipment to be serviced under this contract are used regularly for other than Governmental purposes and are sold or traded by the offeror (or subcontractor in the case of an exempt subcontract) in substantial quantities to the general public in the course of normal business operations;

(ii) The services will be furnished at prices which are, or are based on, established catalog or market prices (see FAR 22.1003- 4(c)(2)(ii)) for the maintenance, calibration, or repair of such equipment; and

(iii) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract will be the same as that used for these employees and equivalent employees servicing the same equipment of commercial customers.

☐ (2) Certain services as described in FAR 22.1003- 4(d)(1). The offeror ☐ does ☐ does not certify that—

(i) The services under the contract are offered and sold regularly to non-Governmental customers, and are provided by the offeror (or subcontractor in the case of an exempt subcontract) to the general public in substantial quantities in the course of normal business operations;

(ii) The contract services will be furnished at prices that are, or are based on, established catalog or market prices (see FAR 22.1003-4(d)(2)(iii));

(iii) Each service employee who will perform the services under the contract will spend only a small portion of his or her time (a monthly average of less than 20 percent of the available hours on an annualized basis, or less than 20 percent of available hours during the contract period if the contract period is less than a month) servicing the Government contract; and

(iv) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract is the same as that used for these employees and equivalent employees servicing commercial customers.

(3) If paragraph (k)(1) or (k)(2) of this clause applies—

(i) If the offeror does not certify to the conditions in paragraph (k)(1) or (k)(2) and the Contracting Officer did not attach a Service Contract Labor Standards wage determination to the solicitation, the offeror shall notify the Contracting Officer as soon as possible; and

(ii) The Contracting Officer may not make an award to the offeror if the offeror fails to execute the certification in paragraph (k)(1) or (k)(2) of this clause or to contact the Contracting Officer as required in paragraph (k)(3)(i) of this clause.

(l) *Taxpayer Identification Number (TIN)* (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to the SAM database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (l)(3) through (l)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) *Taxpayer Identification Number (TIN)*.

☐ TIN: _____.

☐ TIN has been applied for.

☐ TIN is not required because:

☐ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

☐ Offeror is an agency or instrumentality of a foreign government;

☐ Offeror is an agency or instrumentality of the Federal Government.

(4) *Type of organization*.

☐ Sole proprietorship;

☐ Partnership;

☐ Corporate entity (not tax-exempt);

☐ Corporate entity (tax-exempt);

☐ Government entity (Federal, State, or local);

☐ Foreign government;

☐ International organization per 26 CFR 1.6049-4;

☐ Other _____.

(5) *Common parent*.

☐ Offeror is not owned or controlled by a common parent;

☐ Name and TIN of common parent:

Name _____.

TIN _____.

(m) *Restricted business operations in Sudan.* By submission of its offer, the offeror certifies that the offeror does not conduct any restricted business operations in Sudan.

(n) *Prohibition on Contracting with Inverted Domestic Corporations.*

(1) Government agencies are not permitted to use appropriated (or otherwise made available) funds for contracts with either an inverted domestic corporation, or a subsidiary of an inverted domestic corporation, unless the exception at 9.108-2(b) applies or the requirement is waived in accordance with the procedures at 9.108-4.

(2) *Representation.* The Offeror represents that—

(i) It ☐ is, ☐ is not an inverted domestic corporation; and

(ii) It ☐ is, ☐ is not a subsidiary of an inverted domestic corporation.

(o) *Prohibition on contracting with entities engaging in certain activities or transactions relating to Iran.*

(1) The offeror shall email questions concerning sensitive technology to the Department of State at CISADA106@state.gov.

(2) *Representation and certifications.* Unless a waiver is granted or an exception applies as provided in paragraph (o)(3) of this provision, by submission of its offer, the offeror—

(i) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran;

(ii) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act; and

(iii) Certifies that the offeror, and any person owned or controlled by the offeror, does not knowingly engage in any transaction that exceeds \$3,500 with Iran's Revolutionary Guard Corps or any of its officials, agents, or affiliates, the property and interests in property of which are blocked pursuant to the International Emergency Economic Powers Act (50 U.S.C. 1701 *et seq.*) (see OFAC's Specially Designated Nationals and Blocked Persons List at <http://www.treasury.gov/ofac/downloads/t11sdn.pdf>).

(3) The representation and certification requirements of paragraph (o)(2) of this provision do not apply if—

(i) This solicitation includes a trade agreements certification (*e.g.*, 52.212–3(g) or a comparable agency provision); and

(ii) The offeror has certified that all the offered products to be supplied are designated country end products.

(p) *Ownership or Control of Offeror.* (Applies in all solicitations when there is a requirement to be registered in SAM or a requirement to have a unique entity identifier in the solicitation).

(1) The Offeror represents that it ☐ has or ☐ does not have an immediate owner. If the Offeror has more than one immediate owner (such as a joint venture), then the Offeror shall respond to paragraph (2) and if applicable, paragraph (3) of this provision for each participant in the joint venture.

(2) If the Offeror indicates “has” in paragraph (p)(1) of this provision, enter the following information:

Immediate owner CAGE code: ____.

Immediate owner legal name: ____.

(Do not use a “doing business as” name)

Is the immediate owner owned or controlled by another entity: ☐ Yes or ☐ No.

(3) If the Offeror indicates “yes” in paragraph (p)(2) of this provision, indicating that the immediate owner is owned or controlled by another entity, then enter the following information:

Highest-level owner CAGE code: ____.

Highest-level owner legal name: ____.

(Do not use a “doing business as” name)

(q) *Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law.*

(1) As required by sections 744 and 745 of Division E of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235), and similar provisions, if contained in subsequent appropriations acts, The Government will not enter into a contract with any corporation that—

(i) Has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency is aware of the unpaid tax liability, unless an agency has considered suspension or debarment of the corporation and made a determination that suspension or debarment is not necessary to protect the interests of the Government; or

(ii) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless an agency has considered suspension or debarment of the corporation and made a determination that this action is not necessary to protect the interests of the Government.

(2) The Offeror represents that—

(i) It is ☐ is not ☐ a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being

paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability; and

(ii) It is ☐ is not ☐ a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(r) *Predecessor of Offeror.* (Applies in all solicitations that include the provision at 52.204-16, Commercial and Government Entity Code Reporting.)

(1) The Offeror represents that it ☐ is or ☐ is not a successor to a predecessor that held a Federal contract or grant within the last three years.

(2) If the Offeror has indicated “is” in paragraph (r)(1) of this provision, enter the following information for all predecessors that held a Federal contract or grant within the last three years (if more than one predecessor, list in reverse chronological order):

Predecessor CAGE code: ____ (or mark “Unknown”).

Predecessor legal name: ____.

(Do not use a “doing business as” name).

(s) *Representation regarding compliance with labor laws (Executive Order 13673).* If the offeror is a joint venture that is not itself a separate legal entity, each concern participating in the joint venture shall separately comply with the requirements of this provision.

(1)(i) For solicitations issued on or after October 25, 2016 through April 24, 2017: The Offeror ☐ does ☐ does not anticipate submitting an offer with an estimated contract value of greater than \$50 million.

(ii) For solicitations issued after April 24, 2017: The Offeror ☐ does ☐ does not anticipate submitting an offer with an estimated contract value of greater than \$500,000.

(2) If the Offeror checked “does” in paragraph (s)(1)(i) or (ii) of this provision, the Offeror represents to the best of the Offeror's knowledge and belief [Offeror to check appropriate block]:

☐ (i) There has been no administrative merits determination, arbitral award or decision, or civil judgment for any labor law violation(s) rendered against the offeror (see definitions in paragraph (a) of this section) during the period beginning on October 25, 2015 to the date of the offer, or for three years preceding the date of the offer, whichever period is shorter; or

☐ (ii) There has been an administrative merits determination, arbitral award or decision, or civil judgment for any labor law violation(s) rendered against the Offeror during the period beginning on October 25, 2015 to the date of the offer, or for three years preceding the date of the offer, whichever period is shorter.

(3)(i) If the box at paragraph (s)(2)(ii) of this provision is checked and the Contracting Officer has initiated a responsibility determination and has requested additional information, the Offeror shall provide--

(A) The following information for each disclosed labor law decision in the System for Award Management (SAM) at www.sam.gov, unless the information is already current, accurate, and complete

in SAM. This information will be publicly available in the Federal Awardee Performance and Integrity Information System (FAPIS):

(1) The labor law violated.

(2) The case number, inspection number, charge number, docket number, or other unique identification number.

(3) The date rendered.

(4) The name of the court, arbitrator(s), agency, board, or commission that rendered the determination or decision;

(B) The administrative merits determination, arbitral award or decision, or civil judgment document, to the Contracting Officer, if the Contracting Officer requires it;

(C) In SAM, such additional information as the Offeror deems necessary to demonstrate its responsibility, including mitigating factors and remedial measures such as offeror actions taken to address the violations, labor compliance agreements, and other steps taken to achieve compliance with labor laws. Offerors may provide explanatory text and upload documents. This information will not be made public unless the contractor determines that it wants the information to be made public; and

(D) The information in paragraphs (s)(3)(i)(A) and (s)(3)(i)(C) of this provision to the Contracting Officer, if the Offeror meets an exception to SAM registration (see FAR 4.1102(a)).

(ii)(A) The Contracting Officer will consider all information provided under (s)(3)(i) of this provision as part of making a responsibility determination.

(B) A representation that any labor law decision(s) were rendered against the Offeror will not necessarily result in withholding of an award under this solicitation. Failure of the Offeror to furnish a representation or provide such additional information as requested by the Contracting Officer may render the Offeror nonresponsible.

(C) The representation in paragraph (s)(2) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly rendered an erroneous representation, in addition to other remedies available to the Government, the Contracting Officer may terminate the contract resulting from this solicitation in accordance with the procedures set forth in FAR 12.403.

(4) The Offeror shall provide immediate written notice to the Contracting Officer if at any time prior to contract award the Offeror learns that its representation at paragraph (s)(2) of this provision is no longer accurate.

(5) The representation in paragraph (s)(2) of this provision will be public information in the Federal Awardee Performance and Integrity Information System (FAPIS).

Note to paragraph (s): By a court order issued on October 24, 2016, this paragraph (s) is enjoined indefinitely as of the date of the order. The enjoined paragraph will become effective immediately if the court terminates the injunction. At that time, DoD, GSA, and NASA will publish a document in the **Federal Register** advising the public of the termination of the injunction.

(t) *Public Disclosure of Greenhouse Gas Emissions and Reduction Goals*. Applies in all solicitations that require offerors to register in SAM (52.212-1(k)).

(1) This representation shall be completed if the Offeror received \$7.5 million or more in contract awards in the prior Federal fiscal year. The representation is optional if the Offeror received less than \$7.5 million in Federal contract awards in the prior Federal fiscal year.

(2) Representation. [Offeror to check applicable block(s) in paragraph (t)(2)(i) and (ii)]. (i) The Offeror (itself or through its immediate owner or highest-level owner) ☐ does, ☐ does not publicly disclose greenhouse gas emissions, i.e., makes available on a publicly accessible Web site the results of a greenhouse gas inventory, performed in accordance with an accounting standard with publicly available and consistently applied criteria, such as the Greenhouse Gas Protocol Corporate Standard.

(ii) The Offeror (itself or through its immediate owner or highest-level owner) ☐ does, ☐ does not publicly disclose a quantitative greenhouse gas emissions reduction goal, i.e., make available on a publicly accessible Web site a target to reduce absolute emissions or emissions intensity by a specific quantity or percentage.

(iii) A publicly accessible Web site includes the Offeror's own Web site or a recognized, third-party greenhouse gas emissions reporting program.

(3) If the Offeror checked "does" in paragraphs (t)(2)(i) or (t)(2)(ii) of this provision, respectively, the Offeror shall provide the publicly accessible Web site(s) where greenhouse gas emissions and/or reduction goals are reported:_____.

(u)(1) In accordance with section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions), Government agencies are not permitted to use appropriated (or otherwise made available) funds for contracts with an entity that requires employees or subcontractors of such entity seeking to report waste, fraud, or abuse to sign internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or subcontractors from lawfully reporting such waste, fraud, or abuse to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information.

(2) The prohibition in paragraph (u)(1) of this provision does not contravene requirements applicable to Standard Form 312 (Classified Information Nondisclosure Agreement), Form 4414 (Sensitive Compartmented Information Nondisclosure Agreement), or any other form issued by a Federal department or agency governing the nondisclosure of classified information.

(3) Representation. By submission of its offer, the Offeror represents that it will not require its employees or subcontractors to sign or comply with internal confidentiality agreements or statements prohibiting or otherwise restricting such employees or subcontractors from lawfully reporting waste, fraud, or abuse related to the performance of a Government contract to a designated investigative or law enforcement representative of a Federal department or agency authorized to receive such information (e.g., agency Office of the Inspector General).

(End of Provision)

5/15/2017
Site Visit Sign in Sheet
Project VA256-17-R-0501
BOILER COOLER TOWER MAINTENANCE

USING BLUE OR BLACK INK, PLEASE PRINT CLEARLY AND LEGIBLY

NAME	ORGANIZATION	PHONE NO.	EMAIL
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Jay P... Jay P...	BCI	936-762-1414	jaye@BCIservices.net
BRYAN SHIPMAN	CHEMTREAT	713 442 7380	bryans@chemtreat.com
KEVIN QUINN	NALCO	281221 2462	kquinn@ecoleb.com

5/15/2017
Site Visit Sign in Sheet
Project VA256-17-R-0501
BOILER COOLER TOWER MAINTENANCE

USING BLUE OR BLACK INK, PLEASE PRINT CLEARLY AND LEGIBLY

NAME	ORGANIZATION	PHONE NO.	EMAIL
Rich Young	RTY Group LLC	(713) 838-1147	richard@rygroup.net
Dave Anderson	Coastline LLC	(262) 359-6725	Dave.anderson@coastlinetl.com
Ryan McLendon	Chem-Aqua	817-721-3930	Ryan.McLendon@NCH.com

Attachment 1

1. Will the Companies bidding on this requirement be strictly governed by the criteria set forth by the Veteran's Administration (CVE) Center for Verification and Evaluation? Meaning, in order to qualify as a True SDVOSB by VA standards and The "Rule of Two" they will have completed the process of being vetted and in receipt of a certificate from the certifying organization accompanied by a two to three year certificate.

CO Response:

This requirement is set-aside for SDVOSB; SDVOSB's must ensure that their Verified SDVOSB status is shown at the following web address, <https://www.vip.vetbiz.gov>.

1. In the solicitation reference was made to both LPTA and Best Value. Since the requirement is a service and not a commodity Best Value should be the best procurement strategy? Can you confirm?

CO Response:

It is my opinion many used the term "Best Value" out of context, wherein the intent of any requirement is truly for the best value, however the procurement method to achieve a best value goal is via the use of LPTA or Trade-off.

****See AM0002: section E revisions.***

2. What is the target ppm for tolytriazole (yellow metal copper corrosion inhibitor) for the cooling system?

<.3

What is the target daily shock feed ppm level for bromine for the cooling system?

0.2-0.5 ppm

What is the annual blowdown for all 3 systems?

See AM0002: ATTACHMENT 2 AND 3

3. Clarification – Could you please provide your expectations of maintenance for the Scale Buster System for 104A, 104 & 109?

See AM0002: ATTACHMENT 2 AND 3

QUARTERLY INSPECTIONS OF PUMP, MOTOR, STRANER, VALVES, (valves include suction and discharge valves for the pump and blow down valve and blow down bypass valve) any repairs that require disassemble and/or replacement of parts will be taken care of by plant personnel

4. Can a total year of make-up and blow down usages be provided for 104A, 104 & 109

See AM0002: ATTACHMENT 2 AND 3

5. Does the VAMC require a minimum Halogen/ Free Chlorine level when slug feeding the Chlorine/ Bromine tablets? If so what is the minimum in ppm? How many times a week are required to achieve that minimum ppm?

Ppm requirements answered in question 3; the second part of the question is continuously

6. Clarification – The thermal energy chilled loop system is not part of this bid process. If chemistries and services are needed in the future, will they be purchased separately?

Not applicable

Is any of the steam produced used for dehumidification or direct steam injection?

No steam produced will be used for dehumidification or direct steam injection

7. Can a total year of steam rate and blow down usages be provided for the steam generation system?

See AM0002: ATTACHMENT 2 AND 3

8. Question: Please list the number of boilers and the rated steam output of each.

See AM0002: ATTACHMENT 2 AND 3

BLR 1- 12000 LBS PER HR

BLR-2 12000 LBS PER HR

BLR-3 12000-LBS PER HR

BLR-4 33000 LBS PER HR

9. Question: Please provide the total steam output in MMLBS for the last 12 months.

See AM0002: ATTACHMENT 2 AND 3

10. Question: Please provide the number of chillers in Buildings 104, 104a and 109 and the rated tonnage of each.

BLDG. 104 7 1000 TON CHILLERS

BLDG 104A 2 1250 TON CHILLERS

BLDG 109 3 450 TON CHILLERS

11. Question: Please provide the total makeup and blowdown for each of the buildings, 104, 104a and 109 for the last 12 months.

See AM0002: ATTACHMENT 2 AND 3

12. Question: Please confirm that VA will be responsible for the repairs/replacement of any of the actual Scale Buster equipment if it is to malfunction or fail in any way during the period of the contract.

CO response

This requirement is for servicing / maintenance of the boiler system. This requirement does not address the repair and or replacement of parts / equipment. The VA accepts full responsibility of the condition of the equipment and any repair / replacement needs with full consideration of the following; (1)for issues deemed outside of the control of the vendor,(2) due to normal wear and tear, and (3) or not deemed due to negligence or incompetency on the vendors part.

Attachment 2

Apr-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #	
1	223303	12900	387000	188851	198149	67	232	3.9				
2	198373	13100	399000	300691	98309	60	232	4.4				
3	237244	12700	389000	290667	98333	63	228	4.1				
4	275554	12700	398000	342302	55698	70	224	3.8				
5	209042	12500	318000	275052	42948	75	226	4.0		562	1	
6	229932	12800	367000	316794	50206	69	225	3.2				
7	231267	14100	383000	338294	44706	66	225	3.8				
8	259615	14500	371000	331631	39369	72	225	3.9				
9	257544	11800	361000	295439	65561	68	224	3.9				
10	207255	12200	351000	326305	24695	70	222	3.9				
11	221757	11800	358000	312194	45806	73	224	4.2				
12	249006	13500	352000	290813	61187	73	224	4.3				
13	263374	14300	394000	347037	46963	68	225	3.8				
14	256636	13500	373000	329694	43306	70	224	4.0				
15	250510	14000	374000	326234	47766	66	226	3.4				
16	238637	13300	369000	326359	42641	73	226	5.0				
17	238153	12100	360000	320733	39267	73	225	4.3				
18	363186	23700	416000	379364	36636	69	244	6.6				
19	328265	12400	380000	338129	41871	72	236	5.0				
20	279718	12900	380000	303076	76924	71	224	4.0				
21	279128	12900	373000	307000	66000	70	224	4.1				
22	272559	12200	373000	307554	65446	73	225	3.9				
23	276151	11300	379000	312627	66373	73	224	3.8				
24	267924	11200	374000	313614	60386	70	224	3.7				
25	321176	11800	370000	345494	24506	73	240	3.2				
26	309178	11100	349000	312601	36399	77	240	3.2		256	1	
27	298469	10500	349000	321755	27245	77	241	3.0				
28	303312	11500	352000	324021	27979	77	241	3.5				
29	297084	12700	344000	322710	21290	79	240	3.4				
30	294197	12000	337000	330933	6067	78	240	3.4				
31	0	0	0	0	0	0	0	0.0				
TOTALS	7,937,549	388,000	11,080,000	9,477,968	1,602,032	69	222	3.8	0	818		
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant		
APR	1,609,621	10,902,177	12,175,469	36,261,484			79,727	506,298	135,216	75,948		
MAR	0	9,951,762	7,300,352	35,759,088			68,647	496,750	133,003	74,558		
TOTALS	1,609,621	950,415	4,875,117	502,396	7,937,549		11,080	9,548	2,213	1,390		
BOILER GAS METERS												
New Meter												
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			X1000	X1000	X1000	X1000		
APR	253,080,097	107,742,070	152,996,366	135,124,948			11,080,000	9,548,000	2,213,000	1,390,000		
MAR	251,021,450	107,329,871	147,061,729	134,052,463								
TOTALS	2,058,647	412,199	5,934,637	1,072,485								
METER												
TOTALS	2,058,647	412,199	5,934,637	1,072,485	9,477,968	1,602,032	Make-up %		41%			
Make-up Gallons												
388,000												
Total Lbs. Of Steam												
7,937,549												
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher	Lbs. Of Steam on Oil		0				
APR	42,627,307	42,504,663	75,835,000	32,356,101	615781	Lbs. Of Steam on Gas		7,937,549				
MAR	42,402,379	42,291,970	75,447,000	32,257,581	35647	CU/FT. Gas/Steam		1.19				
TOTALS	225,428	212,693	388,000	98,520	580134	Lbs. Steam Inplant		1,390,000				
TOTAL SOFTENERS				X8.3			Lbs. Steam Bldg 1000		9,548,000			
TOTALS	438,121		3,220,400				Lbs. Steam Complex		2,213,000			
Gals. Through Softeners												
438,121												
FUEL OIL												
F/O Gallons Transfer to Grounds												
DATES	#1	#2	#3	#4	Main Meter	Date	Gallons	Date	Gallons			
APR	40827	1098	3559	0	1930740							
MAR	40265	1098	3304	0	1926610	0						
TOTALS	562	0	255	0	4130	817						

May-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	297088	12800	348000	337426	10574	77	240	3.4			
2	308169	16000	352000	337779	14221	70	232	3.4	60391	521	3
3	298303	16200	442000	400456	41544	68	232	3.6			
4	296323	17200	408000	376015	31985	70	233	3.2			
5	262509	15600	359000	337679	21321	72	232	3.6			
6	241163	14500	375000	347954	27046	76	236	5.5			
7	322865	11500	344000	324814	19186	75	247	8.2			
8	363053	15900	351000	331061	19939	73	247	6.7			
9	285705	14100	325000	294023	30977	71	232	4.2	36586	456	1
10	254083	14700	356000	324363	31637	80	232	3.8			
11	253104	14500	351000	332257	18743	80	232	3.8			
12	245601	14900	342000	319551	22449	81	232	4.0			
13	244702	14800	340000	312205	27795	73	232	3.6			
14	263739	15300	360000	339428	20572	76	232	3.9			
15	253552	14000	358000	338150	19850	70	232	3.7			
16	253079	13600	369000	321709	47291	70	224	3.8			
17	261012	15900	377000	332894	44106	76	224	4.3			
18	257320	14500	365000	312341	52659	76	224	4.3			
19	274858	14200	390000	343389	46611	69	224	4.2			
20	244453	15600	369000	325512	43488	76	224	4.0			
21	234004	13900	351000	316047	34953	76	224	3.6			
22	376064	12900	344000	326881	17119	78	239	5.3			
23	381573	13100	369000	326441	42559	79	244	10.6			
24	367153	13900	358000	315736	42264	80	242	6.0			
25	362285	13700	341000	299952	41048	82	246	6.9			
26	348896	14100	356000	325383	30617	80	244	4.6			
27	306474	14700	396000	366332	29668	73	241	3.6			
28	295956	12200	347000	341393	5607	78	241	3.5			
29	292647	12500	345000	332703	12297	80	241	3.5			
30	301205	13600	361000	338168	22832	79	240	3.6			
31	289737	14900	306000	279641	26359	73	242	3.7	56381	570	3
TOTALS	9,036,675	445,300	11,155,000	10,257,683	897,317	75	235	4.5	153358	1547	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant	
MAY	3,532,206	13,888,944	14,049,952	38,514,324			90,882	515,955	137,324	77,379	
APR	1,609,621	10,902,177	12,175,469	36,261,484			79,727	506,298	135,216	75,948	
TOTALS	1,922,585	2,986,767	1,874,483	2,252,840	9,036,675		11,155	9,657	2,108	1,431	
BOILER GAS METERS				New Meter			X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			11,155,000	9,657,000	2,108,000	1,431,000	
MAY	255,204,311	111,426,815	155,058,632	137,511,406			Main Gas			11,155,000	
APR	253,080,097	107,742,070	152,996,366	135,124,948			Boiler Gas			10,257,683	
TOTALS	2,124,214	3,684,745	2,062,266	2,386,458			Aux. Gas			897,317	
METER							Make-up %			41%	
TOTALS	2,124,214	3,684,745	2,062,266	2,386,458	10,257,683	897,317	Make-up Gallons			445,300	
						0	Total Lbs. Of Steam			9,036,675	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil			153358	
MAY	42,381,514	42,747,583	76,280,300	32,462,713	1264940		Lbs. Of Steam on Gas			8,883,317	
APR	42,627,807	42,504,663	75,835,000	32,356,101	615781		CU/FT. Gas/Steam			1.15	
TOTALS	253,707	242,920	445,300	106,612	649159		Lbs. Steam Inplant			1,431,000	
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000			9,657,000	
TOTALS	496,627		3,695,990				Lbs. Steam Complex			2,108,000	
							Gals. Through Softeners			496,627	
FUEL OIL							F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
MAY	41283	1100	4650	0	1938900		5/4/2016	30	5/25/2016	30	
APR	40827	1098	3559	0	1930740	0	Date	Gallons	Date	Gallons	
TOTALS	456	2	1091	0	8160	1549					

Jun-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #	
1	302493	14100	364000	342855	21145	73	241	3.8		18	3	
2	310380	14000	379000	359036	19964	70	241	3.7				
3	302812	13400	386000	355688	30312	76	241	3.6				
4	299158	12600	383000	370830	12170	74	241	3.5				
5	269370	12200	353000	340993	12007	76	241	3.5				
6	238813	13500	348000	302907	45093	79	232	3.9		333	1	
7	220902	14800	358000	320707	37293	82	232	3.7				
8	264290	23300	388000	351616	36384	84	232	3.5				
9	255002	15700	362000	330549	31451	84	232	3.7				
10	233899	14600	351000	304767	46233	81	232	3.9				
11	232219	14200	329000	307579	21421	82	233	3.8				
12	227638	13800	314000	302933	11067	73	232	3.8				
13	325717	12800	314000	276848	37152	84	245	5.0				
14	351055	13900	319000	282604	36396	85	244	5.0				
15	350995	15600	322000	287628	34372	87	244	5.1				
16	350559	12200	305000	273802	31198	88	244	5.0				
17	332789	12500	292000	262405	29595	87	236	5.0				
18	334665	12600	301000	276205	24795	84	246	5.1				
19	345924	15000	325000	298807	26193	84	244	5.1				
20	353052	14500	322000	289139	32861	79	242	5.4				
21	340743	14300	327000	292070	34930	79	242	5.0				
22	349667	13800	324000	291186	32814	84	245	5.1				
23	334915	13700	318000	283131	34869	84	244	5.1				
24	359645	18200	339000	304923	34077	85	245	5.0				
25	314664	12300	287000	255017	31983	84	242	5.0				
26	325282	13000	286000	270292	15708	85	245	5.0				
27	302981	14400	269000	238534	30466	85	240	4.6	41749	551	3	
28	345991	12900	332000	297969	34031	83	245	5.1				
29	352698	12300	322000	287260	34740	83	247	5.0				
30	328646	12200	319000	286279	32721	85	243	3.9				
31	0	0	0	0	0	0	0	0.0				
TOTALS	9,256,964	422,400	9,938,000	9,044,559	893,441	79	233	4.3	41749	902		
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant		
JUNE	5,118,447	15,682,194	14,237,809	44,203,940			100,820	525,039	140,294	78,701		
MAY	3,532,206	13,888,944	14,049,952	38,514,324			90,882	515,955	137,324	77,379		
TOTALS	1,586,241	1,793,250	187,857	5,689,616	9,256,964		9,938	9,084	2,970	1,322		
	BOILER GAS METERS				New Meter		X1000	X1000	X1000	X1000		
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			9,938,000	9,084,000	2,970,000	1,322,000		
JUNE	257,035,370	113,616,420	155,210,103	142,383,830			Main Gas			9,938,000		
MAY	255,204,311	111,426,815	155,058,632	137,511,406			Boiler Gas			9,044,559		
TOTALS	1,831,059	2,189,605	151,471	4,872,424			Aux. Gas			893,441		
METER							Make-up %			38%		
TOTALS	1,831,059	2,189,605	151,471	4,872,424	9,044,559	893,441	Make-up Gallons			422,400		
						0	Total Lbs. Of Steam			9,256,964		
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil			41749		
JUNE	43,121,700	42,980,410	76,702,700	32,571,880	1730215		Lbs. Of Steam on Gas			9,215,215		
MAY	42,881,514	42,747,583	76,280,300	32,462,713	1264940		CU/FT. Gas/Steam			0.98		
TOTALS	240,186	232,827	422,400	109,167	515275		Lbs. Steam Inplant			1,322,000		
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000			9,084,000		
TOTALS	473,013		3,505,920				Lbs. Steam Complex			2,970,000		
							Gals. Through Softeners			473,013		
			FUEL OIL					F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons		
JUNE	41616	1100	5219	0	1943700		6/16/2016	30				
MAY	41283	1100	4650	0	1938900	0	Date	Gallons	Date	Gallons		
TOTALS	333	0	569	0	4800	902						

Jul-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	229325	13700	316000	288002	27998	86	232	3.7			
2	220778	13600	307000	283764	23236	86	232	3.8			
3	219847	13700	299000	284301	14699	87	232	3.7			
4	0	0	0	0	0	0	0	0.0			
5	0	0	0	0	0	0	0	0.0			
6	627783	43600	946000	860165	85835	87	232	3.7			
7	196822	15500	324000	294391	29609	87	232	3.5			
8	187606	15800	314000	282290	31710	87	232	3.5			
9	182477	14500	297000	276114	20886	87	232	3.3			
10	199335	15700	312000	289790	22210	88	232	3.5			
11	200266	15400	313000	285032	27968	87	232	3.5			
12	193298	15500	318000	290615	27385	87	232	3.5			
13	179652	15100	305000	272310	32690	88	232	3.4			
14	192405	15300	313000	283102	29898	88	232	3.4			
15	188165	14700	305000	277179	27821	87	232	3.4			
16	188402	12600	308000	282205	25795	87	232	3.5			
17	191493	12500	312000	290826	21174	86	233	3.7			
18	188798	14100	330000	297830	32170	84	233	3.4			
19	194878	13100	320000	288969	31031	83	204	3.5			
20	196575	13600	319000	292008	26992	82	245	3.5			
21	204174	13700	329000	297075	31925	82	233	3.6			
22	175005	12600	293000	264844	28156	85	232	3.4			
23	173907	12500	299000	273060	25940	85	232	3.4			
24	166506	12200	274000	257266	16734	86	233	3.4			
25	211388	14700	353000	316020	36980	86	232	3.4			
26	203446	13500	324000	299862	24138	79	232	3.5			
27	236677	13800	341000	305864	35136	80	224	3.6			
28	270182	13100	326000	304244	21756	80	229	3.4			
29	267716	13500	323000	307663	15337	85	236	3.6			
30	234147	12800	310000	285152	24848	87	236	3.5			
31	252709	12700	316000	296145	19855	86	236	3.5			
TOTALS	6,373,762	433,100	9,746,000	8,926,088	819,912	80	217	3.3	0	0	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant	
JULY	6,180,990	20,726,548	14,503,870	44,204,744			110,566	534,310	143,810	79,989	
JUNE	5,118,447	15,682,194	14,237,809	44,203,940			100,820	525,039	140,294	78,701	
TOTALS	1,062,543	5,044,354	266,061	804	6,373,762		9,746	9,271	3,516	1,288	
	BOILER GAS METERS				New Meter		X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			9,746,000	9,271,000	3,516,000	1,288,000	
JULY	258,199,600	120,690,640	155,460,970	142,820,601			Main Gas			9,746,000	
JUNE	257,035,370	113,616,420	155,210,103	142,383,830			Boiler Gas			8,926,088	
TOTALS	1,164,230	7,074,220	250,867	436,771			Aux. Gas			819,912	
METER							Make-up %			56%	
TOTALS	1,164,230	7,074,220	250,867	436,771	8,926,088	819,912	Make-up Gallons			433,100	
						0	Total Lbs. Of Steam			6,373,762	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil			0	
JULY	43,362,580	43,219,400	77,135,800	32,681,390	2279330		Lbs. Of Steam on Gas			6,373,762	
JUNE	43,121,700	42,980,410	76,702,700	32,571,880	1780215		CU/FT. Gas/Steam			1.40	
TOTALS	240,880	238,990	433,100	109,510	499115		Lbs. Steam Inplant			1,288,000	
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000			9,271,000	
TOTALS	479,870		3,594,730				Lbs. Steam Complex			3,516,000	
							Gals. Through Softeners			479,870	
	FUEL OIL						F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
JULY	41616	1100	5219	0	1943760		7/12/2016	30	7/28/2016	30	
JUNE	41616	1100	5219	0	1943700	0	Date	Gallons	Date	Gallons	
TOTALS	0	0	0	0	60	0					

Aug-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	199738	14800	269000	242973	26027	87	232	3.7	64189	461	1
2	193348	15500	305000	282269	22731	88	232	3.6			
3	198363	15800	316000	288984	27016	87	232	3.6			
4	211515	15200	300000	286553	13447	88	233	3.4			
5	188483	14500	298000	265979	32021	88	233	3.4			
6	201936	14400	291000	274981	16019	88	232	3.5			
7	205018	14600	219000	201089	17911	90	230	3.7	93760	849	1/3
8	198839	15300	148000	134092	13908	88	228	4.0	117279	1225	3
9	212657	13100	288000	252046	35954	89	232	3.4	24696	302	1
10	193709	13000	302000	274354	27646	90	232	3.2			
11	190056	13200	288000	265470	22530	89	233	3.3			
12	209374	14000	308000	274291	33709	87	232	3.3			
13	209885	12700	288000	269945	18055	85	232	3.4			
14	222557	13100	306000	287534	18466	78	232	3.6			
15	216057	14900	333000	301187	31813	78	232	3.4			
16	221745	15500	338000	309386	28614	88	234	3.6			
17	247858	17000	349000	317248	31752	77	232	3.5			
18	248441	15900	342000	316581	25419	79	232	3.5			
19	200690	18000	326000	298246	27754	81	233	3.5			
20	207753	15200	314000	294285	19715	83	232	3.4			
21	201781	15700	322000	292851	29149	82	232	3.4			
22	269642	14600	330000	315663	14337	79	234	3.6			
23	269927	15000	332000	308087	23913	85	235	3.7			
24	185952	13500	311000	278857	32143	81	232	3.8			
25	282306	15000	312000	294234	17766	80	249	3.6			
26	238792	18600	344000	311470	32530	80	229	4.0	2788	393	1/3
27	201778	14100	302000	265326	36674	81	224	4.4			
28	216486	16700	339000	298876	40124	80	224	4.4			
29	231605	15500	314000	269475	44525	78	226	4.4			
30	234674	14700	323000	282636	40364	82	225	4.1			
31	235832	15100	344000	297045	46955	84	225	4.2			
TOTALS	6,746,797	464,200	9,501,000	8,652,013	848,987	84	231	3.7	302712	3230	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Implant	
AUG	7,168,473	24,692,042	16,290,290	44,212,144			120,067	543,728	147,837	81,343	
JULY	6,180,990	20,726,548	14,503,870	44,204,744			110,566	534,310	143,810	79,989	
TOTALS	987,483	3,965,494	1,786,420	7,400	6,746,797		9,501	9,418	4,027	1,354	
BOILER GAS METERS					New Meter		X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			9,501,000	9,418,000	4,027,000	1,354,000	
AUG	259,281,359	126,348,580	157,307,970	142,885,915			Main Gas			9,501,000	
JULY	258,199,600	120,690,640	155,460,970	142,820,601			Boiler Gas			8,652,013	
TOTALS	1,081,759	5,657,940	1,847,000	65,314			Aux. Gas		FALSE		
METER								Make-up %		57%	
TOTALS	1,081,759	5,657,940	1,847,000	65,314	8,652,013	848,987	Make-up Gallons			464,200	
						0	Total Lbs. Of Steam			6,746,797	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil			302712	
AUG	43,630,780	43,474,900	77,600,000	32,919,460	2791970		Lbs. Of Steam on Gas			6,444,085	
JULY	43,362,580	43,219,400	77,135,800	32,681,390	1780215		CU/FT. Gas/Steam			1.34	
TOTALS	268,200	255,500	464,200	238,070	1011755		Lbs. Steam Implant			1,354,000	
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000			9,418,000	
TOTALS	523,700		3,852,860				Lbs. Steam Complex			4,027,000	
							Gals. Through Softeners			523,700	
FUEL OIL							F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
AUG	42963	1104	7098	0	1960920			30			
JULY	41616	1100	5219	0	1943700	0	Date	Gallons	Date	Gallons	
TOTALS	1347	4	1879	0	17220	3230					

Sep-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #	
1	250687	15400	336000	289309	46691	87	227	4.2				
2	299079	11700	307000	270505	36495	86	232	4.3				
3	283003	11200	288000	261382	26618	84	232	3.7				
4	295872	18700	309000	277063	31937	84	232	4.1				
5	290029	14600	320000	283347	36653	81	232	4.2				
6	274760	15700	319000	273872	45128	84	232	4.0	11848	189	1	
7	328649	15400	326000	282749	43251	84	232	3.7				
8	326808	15400	315000	278439	36561	88	232	3.7				
9	248252	13100	313000	282093	30907	83	232	4.0				
10	283997	11200	321000	288460	32540	80	232	4.0				
11	317413	11600	319000	288785	30215	81	232	4.1				
12	224988	11700	312000	270924	41076	82	230	5.5	16021	260	3	
13	262480	38400	378000	349606	28394	80	232	3.4				
14	217459	16100	335000	300788	34212	83	234	3.6				
15	222845	13900	332000	301694	30306	84	232	3.7				
16	207787	15100	319000	292180	26820	83	232	3.6				
17	189698	14100	305000	281373	23627	85	233	3.6				
18	181797	12200	285000	269405	15595	86	232	3.5				
19	218664	10600	266000	240214	25786	86	232	3.6	60648	487	3	
20	184367	8600	303000	263764	39236	83	225	4.2				
21	187220	13400	315000	263892	51108	83	225	4.3				
22	192806	14200	325000	279806	45194	87	220	4.3				
23	189684	9800	328000	282300	45700	83	226	4.3				
24	186240	9700	321000	281490	39510	82	225	4.4				
25	180920	8700	318000	285826	32174	79	225	4.4				
26	307606	18600	344000	298897	45103	79	232	4.0				
27	312314	17400	331000	292256	38744	78	231	4.4				
28	308912	9500	363000	320376	42624	79	231	4.5				
29	262976	10400	364000	321037	42963	77	232	4.1				
30	287032	14300	370000	343342	26658	70	233	3.9				
31	0	0	0	0	0	0	0	0.0				
TOTALS	7,524,344	420,700	9,687,000	8,615,174	1,071,826	80	223	3.9	88517	936		
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant		
SEPT	7,383,837	26,134,280	17,910,904	48,458,272			129,754	552,969	451,940	82,703		
AUG	7,168,473	24,692,042	16,290,290	44,212,144			120,067	543,728	147,837	81,343		
TOTALS	215,364	1,442,238	1,620,614	4,246,128	7,524,344		9,687	9,241	304,103	1,360		
	BOILER GAS METERS				New Meter		X1000	X1000	X1000	X1000		
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			9,687,000	9,241,000	304,103,000	1,360,000		
SEPT	259,559,682	128,518,862	159,231,309	147,129,145			Main Gas	9,687,000				
AUG	259,281,359	126,348,580	157,307,970	142,885,915			Boiler Gas					
TOTALS	278,323	2,170,282	1,923,339	4,243,230			Aux. Gas	9,687,000				
METER							Make-up %				46%	
TOTALS	278,323	2,170,282	1,923,339	4,243,230	8,615,174	1,071,826	Make-up Gallons				420,700	
						0	Total Lbs. Of Steam				7,524,344	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil				88517	
SEPT	43,872,594	43,708,349	78,020,700	33,125,719	3310623		Lbs. Of Steam on Gas				7,435,827	
AUG	43,630,780	43,474,900	77,600,000	32,919,460	2791970		CU/FT. Gas/Steam				0.00	
TOTALS	241,814	233,449	420,700	206,259	518653		Lbs. Steam Inplant				1,360,000	
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000				9,241,000	
TOTALS	475,263		3,491,810				Lbs. Steam Complex				304,103,000	
							Gals. Through Softeners				475,263	
		FUEL OIL					F/O Gallons Transfer to Grounds					
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons		
SEPT	43152	1104	8151	0	1968200		9/30/2016	30				
AUG	42963	1104	8151	0	1960920	0	Date	Gallons	Date	Gallons		
TOTALS	189	0	0	0	7280	189						

Oct-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	307345	14500	366000	335654	30346	75	234	4.2			
2	321875	17700	345000	311423	33577	75	231	4.2			
3	246540	15400	327000	291117	35883	77	229	3.9	29156	376	3
4	219722	17200	364000	331285	32715	79	232	3.3			
5	227276	17300	357000	322448	34552	82	232	3.6			
6	247841	18600	360000	329100	30900	82	232	3.5			
7	225870	19000	351000	327141	23859	82	232	3.6			
8	239628	17000	367000	339617	27383	78	232	3.4			
9	246074	16100	390000	362670	27330	73	232	3.8			
10	270366	17100	384000	351939	32061	71	229	3.7	25730	357	3
11	255085	17900	400000	364154	35846	75	232	3.5			
12	232881	19500	387000	347678	39322	80	232	3.4			
13	230619	17500	381000	347761	33239	81	232	3.4			
14	232891	18600	387000	354766	32234	72	232	3.6			
15	217551	16900	353000	331462	21538	82	232	3.6			
16	233589	17200	358000	329557	28443	81	232	3.5			
17	257991	16200	305000	266795	38205	81	227	4.2	72997	679	1
18	209569	16500	350000	301950	48050	82	227	4.0			
19	210434	16800	357000	304685	52315	81	225	4.2			
20	236266	15800	377000	320566	56434	76	225	4.1			
21	286250	16800	462000	400079	61921	68	225	4.1			
22	307428	14000	424000	395631	28369	66	231	4.5			
23	331246	16600	407000	366075	40925	69	232	4.0			
24	326753	17400	382000	334944	47056	73	231	4.4		447	1
25	281871	17100	363000	322472	40528	74	231	4.2			
26	307158	14400	433000	391812	41188	74	232	4.5			
27	266650	11600	393000	349100	43900	74	232	4.4			
28	336724	21200	389000	345742	43258	75	231	6.0			
29	336528	18000	382000	342518	39482	75	230	4.3			
30	321936	11900	368000	337845	30155	76	231	4.4			
31	305082	14700	375000	334074	40926	74	229	4.4	18706	241	
TOTALS	8,277,039	516,500	11,644,000	10,492,060	1,151,940	76	231	4.0	146589	2100	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Implant	
OCT	7,783,188	29,145,222	19,108,858	52,127,064			141,398	563,081	156,287	84,236	
SEPT	7,383,837	26,134,280	17,910,904	48,458,272			129,754	552,969	451,940	82,703	
TOTALS	399,351	3,010,942	1,197,954	3,668,792	8,277,039		11,644	10,112	-295,653	1,533	
	BOILER GAS METERS				New Meter		X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			11,644,000	10,112,000	-295,653,000	1,533,000	
OCT	260,001,190	132,615,273	161,015,386	151,299,209			Main Gas			11,644,000	
SEPT	259,559,682	128,518,862	159,231,309	147,129,145			Boiler Gas			10,492,060	
TOTALS	441,508	4,096,411	1,784,077	4,170,064			Aux. Gas			1,151,940	
METER							Make-up %			52%	
TOTALS	441,508	4,096,411	1,784,077	4,170,064	10,492,060	1,151,940	Make-up Gallons			516,500	
						0	Total Lbs. Of Steam			8,277,039	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil			146589	
OCT	44,172,763	43,995,396	78,537,200	33,377,567	3981452		Lbs. Of Steam on Gas			8,130,450	
SEPT	43,872,594	43,708,349	78,020,700	33,125,719	3310623		CU/FT. Gas/Steam			1.29	
TOTALS	300,169	287,047	516,500	251,848	670829		Lbs. Steam Implant			1,533,000	
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000			10,112,000	
TOTALS	587,216		4,286,950				Lbs. Steam Complex			-295,653,000	
							Gals. Through Softeners			587,216	
		FUEL OIL					F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
OCT	44278	1104	9125	0	1979050						
SEPT	43152	1104	8151	0	1968200				Date	Gallons	
TOTALS	1126	0	974	0	10850	2100					

Nov-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	286636	11700	379000	337938	41062	76	232	4.4			
2	317536	14700	370000	338098	31902	82	232	4.1			
3	263938	12700	389000	351155	37845	74	232	3.5			
4	253740	15300	387000	356357	30643	77	232	3.3			
5	223672	13900	369000	345083	23917	74	232	3.9			
6	312956	13900	396000	373969	22031	72	232	3.5			
7	304291	15200	382000	344395	37605	72	227	3.9	18972	272	1
8	280055	17500	430000	379154	50846	68	228	4.0			
9	339037	17100	451000	398963	52037	68	232	4.7			
10	339270	19200	476000	428516	47484	65	232	4.8			
11	345622	20700	475000	433634	41366	67	231	4.5			
12	345665	17300	444000	411794	32206	69	231	4.5			
13	349768	18000	464000	426938	37062	63	231	4.4			
14	372150	18600	445000	403118	41882	67	232	4.4	48780	605	3
15	341650	17300	477000	426020	50980	72	232	4.4			
16	340789	15700	452000	409210	42790	68	231	4.2			
17	353959	20000	454000	407243	46757	72	231	4.2			
18	343625	15600	468000	422099	45901	71	231	4.2			
19	353491	15500	585000	548131	36869	55	231	4.1			
20	336890	14600	601000	564294	36706	54	232	4.2			
21	355625	15900	582000	533323	48677	62	232	4.2			
22	334714	16000	452000	408294	43706	71	231	4.4			
23	326923	15900	481000	436554	44446	68	231	4.0			
24	348351	13100	494000	454823	39177	63	231	4.4			
25	353879	12700	489000	450498	38502	67	231	4.2			
26	346742	15000	497000	462666	34334	64	232	4.3			
27	357302	12500	491000	460776	30224	65	231	4.3			
28	347873	14200	368000	325262	42738	74	231	4.1	68617	679	1
29	345522	14500	424000	382516	41484	74	231	4.4			
30	340155	14400	500000	450991	49009	64	231	4.0			
31	0	0	0	0	0	0	0	0.0			
TOTALS	9,861,826	468,700	13,672,000	12,471,812	1,200,188	66	224	4.0	136369	1556	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant	
NOV	7,972,997	30,222,470	19,659,692	60,170,999			155,070	573,803	160,553	85,757	
OCT	7,783,188	29,145,222	19,108,858	52,127,064			141,398	563,081	156,287	84,236	
TOTALS	189,809	1,077,248	550,834	8,043,935			13,672	10,722	4,266	1,521	
BOILER GAS METERS				New Meter			X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			13,672,000	10,722,000	4,266,000	1,521,000	
NOV	260,282,689	134,284,525	162,084,560	160,751,096			Main Gas			13,672,000	
OCT	260,001,190	132,615,273	161,015,386	151,299,209			Boiler Gas			12,471,812	
TOTALS	281,499	1,669,252	1,069,174	9,451,887			Aux. Gas			1,200,188	
METER							Make-up %			39%	
TOTALS	281,499	1,669,252	1,069,174	9,451,887	12,471,812	1,200,188	Make-up Gallons			468,700	
							Total Lbs. Of Steam			9,861,826	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil			136369	
NOV	44,445,497	44,257,992	79,005,900	33,618,427	4816336		Lbs. Of Steam on Gas			9,725,457	
OCT	44,172,763	43,995,396	78,537,200	33,377,567	3981452		CU/FT. Gas/Steam			1.28	
TOTALS	272,734	262,596	468,700	240,860	834884		Lbs. Steam Inplant			1,521,000	
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000			10,722,000	
TOTALS	535,330		3,890,210				Lbs. Steam Complex			4,266,000	
							Gals. Through Softeners			535,330	
FUEL OIL							F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
NOV	45229	1104	9730	0	1987020		11/15/2016	30			
OCT	44278	1104	9125	0	1979050				Date	Gallons	
TOTALS	951	0	605	0	7970	1556					

Dec-16	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	350674	15300	580000	533058	46942	54	231	4.0			
2	359627	15500	578000	542106	35894	58	231	3.9			
3	355639	14100	602000	563651	38349	53	231	3.9			
4	362215	13800	613000	583102	29398	52	231	4.1			
5	453179	14500	545000	516144	28856	52	236	3.7	75580	670	4
6	404643	10300	582000	561305	20695	59	236	3.9			
7	401156	12400	594000	562711	31289	54	231	4.4			
8	442534	15600	670000	620943	49057	49	231	4.5			
9	593582	14200	745000	689486	55514	44	232	4.4			
10	619048	15900	751000	712996	38004	48	232	4.3			
11	242677	19900	469000	441970	27030	73	229	4.6			
12	338790	12600	495000	448095	46905	68	224	4.2			
13	362998	16300	468000	453588	14412	71	234	4.0			
14	403974	18200	480000	477251	2749	66	234	3.9			
15	271222	14000	617000	563621	53379	53	222	4.4			
16	399701	14400	559000	518274	40726	61	224	4.2			
17	298685	14800	440000	406700	33300	75	223	4.3			
18	463111	13200	755000	726754	28246	38	229	4.7			
19	597125	13600	842000	778724	63276	41	224	4.4	22532	261	3
20	508852	13600	739000	688118	50882	48	223	4.8			
21	414201	13700	559000	519691	39309	61	227	4.3			
22	325659	15400	486000	450349	35651	68	230	4.0			
23	351800	14100	479000	439833	39167	68	230	4.4			
24	347145	12000	438000	410276	27724	72	231	4.5			
25	349395	12200	431000	407106	23894	70	231	4.5			
26	348835	13100	442000	408004	33996	75	231	4.7			
27	334649	14600	450000	406519	43481	75	231	4.6	17324	171	1
28	343458	12600	433000	390156	42344	78	230	4.5			
29	353176	10100	519000	480084	38916	65	231	4.4			
30	372654	10100	590000	573105	16895	53	232	4.3			
31	484794	7200	500000	502132	-2132	66	231	4.5			
TOTALS	12,255,198	427,300	17,451,000	16,375,852	1,075,148	60	230	4.3	115436	1102	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant	
DEC	9,454,969	35,505,804	22,896,232	66,126,870			180,795	532,681	167,262	87,985	
NOV	7,972,997	30,222,470	19,659,692	60,170,999			155,070	573,803	160,553	85,757	
TOTALS	1,481,972	5,283,334	3,236,540	5,955,871	15,957,717		25,725	-41,122	6,709	2,228	
BOILER GAS METERS											
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4	New Meter		X1000	X1000	X1000	X1000	
DEC	262,108,190	140,823,702	168,525,323	170,161,264			25,725,000	-41,122,000	6,709,000	2,228,000	
NOV	260,282,689	134,284,525	162,084,560	160,751,096			Main Gas			25,725,000	
TOTALS	1,825,501	6,539,177	6,440,763	9,410,168			Boiler Gas			16,375,852	
METER							Aux. Gas			9,349,148	
TOTALS	1,825,501	6,539,177	6,440,763	9,410,168	24,215,609	1,509,391	Make-up %			40%	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Total Lbs. Of Steam				
DEC	44,782,899	44,586,064	79,589,300	33,897,741	6612825		Lbs. Of Steam on Oil			115436	
NOV	44,445,497	44,257,992	79,005,900	33,618,427	4816336		Lbs. Of Steam on Gas			15,842,281	
TOTALS	337,402	328,072	583,400	279,314	1796489		CU/FT. Gas/Steam			1.03	
TOTAL SOFTENERS			X8.3				Lbs. Steam Inplant			2,228,000	
TOTALS	665,474		4,842,220				Lbs. Steam Bldg 1000			-41,122,000	
FUEL OIL											
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
DEC	45400	1104	9992	670	1989880		12/1/2016	30	12/28/2016	10	
NOV	45229	1104	9731	0	1987020						
TOTALS	171	0	261	670	2860	1102					

Jan-17	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	339538	5900	472000	450848	21152	68	231	4.6			
2	371640	7500	440000	417648	22352	69	231	4.4	114046	317	3
3	356122	7500	497000	462231	34769	63	232	4.2			
4	353870	9700	596000	575727	20273	49	231	4.2			
5	348328	17400	574000	535119	38881	53	222	4.8			
6	586992	12600	833000	797085	35915	37	232	4.4			
7	615176	10000	880000	849237	30763	32	232	4.6			
8	635774	9900	831000	802150	28850	41	232	4.5			
9	502596	11900	607000	571973	35027	57	232	4.9			
10	409007	10800	541000	503763	37237	68	232	4.6			
11	410336	10800	496000	476224	19776	70	237	4.0			
12	380320	12300	460000	447800	12200	71	237	4.0			
13	362998	16300	468000	453588	14412	71	234	4.0			
14	403974	18200	490000	477251	2749	66	234	3.9			
15	271222	15000	478000	470382	7618	68	234	4.1			
16	382579	16800	442000	421020	20980	73	227	5.1			
17	401144	18900	520000	480152	39848	63	222	5.6			
18	316338	13400	465000	443339	21661	66	232	4.7			
19	352668	12900	536000	502856	33144	57	230	4.9			
20	326356	13900	502000	483303	18697	66	231	4.3			
21	231334	12800	447000	438519	8481	67	231	4.1			
22	473421	14200	507000	500982	6018	62	231	4.2			
23	352043	19200	475000	456420	18580	60	230	4.0	24320	259	3
24	136258	32300	458000	437427	20573	67	230	3.8			
25	270367	26800	489000	471233	17767	66	230	4.0			
26	596456	42000	652000	644633	7367	53	231	4.1			
27	576204	24800	604000	596177	7823	50	231	4.0	45977	275	1/4
28	557099	36200	605000	603946	1054	52	231	4.1	7377	118	1
29	392857	35900	592000	591699	301	54	231	4.2			
30	464230	24600	560000	538921	21079	57	233	4.1			
31	417764	8600	483000	467781	15219	59	233	3.9			
TOTALS	12,595,011	529,100	16,990,000	16,369,434	620,566	60	231	4.3	191720	969	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant	
JAN	10,408,883	36,574,376	25,058,462	70,904,112			189,610	599,300	169,574	88,928	
DEC	8,723,564	32,604,156	22,896,232	66,126,870			172,620	586,509	165,323	87,286	
TOTALS	1,685,319	3,970,220	2,162,230	4,777,242	12,595,011		16,990	12,791	4,251	1,642	
	BOILER GAS METERS				New Meter		X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			16,990,000	12,791,000	4,251,000	1,642,000	
JAN	263,197,363	142,217,503	169,373,745	175,378,658			Main Gas	16,990,000			
DEC	261,231,019	137,527,782	166,499,334	168,539,700			Boiler Gas	16,369,434			
TOTALS	1,966,344	4,689,721	2,874,411	6,838,958			Aux. Gas	620,566			
METER							Make-up %	35%			
TOTALS	1,966,344	4,689,721	2,874,411	6,838,958	16,369,434	620,566	Make-up Gallons	529,100			
						0	Total Lbs. Of Steam	12,595,011			
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil	191720			
JAN	44,990,405	44,786,360	79,957,600	34,082,918	7035353		Lbs. Of Steam on Gas	12,403,291			
DEC	44,691,946	44,497,219	79,428,500	33,827,882	6018590		CU/FT. Gas/Steam	1.32			
TOTALS	298,459	289,141	529,100	255,036	1016763		Lbs. Steam Inplant	1,642,000			
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000	12,791,000			
TOTALS	587,600		4,391,530				Lbs. Steam Complex	4,251,000			
							Gals. Through Softeners	587,600			
	FUEL OIL						F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
JAN	45663	1104	818	130	1996230		1/20/2017	30			
DEC	45400	1104	242	0	1989580				Date	Gallons	
TOTALS	263	0	576	130	6350	969					

Feb-17	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	344910	7900	448000	437453	10547	69	234	4.5			
2	339370	8900	455000	437416	17584	67	235	4.6			
3	539844	9100	563000	550285	12715	54	236	4.0			
4	516614	6800	537000	532398	4602	55	235	4.1			
5	351121	5500	430000	429510	490	70	235	3.9			
6	230850	5700	414000	378539	35461	72	232	4.4	40874	229	1
7	333356	5700	418000	391314	26686	75	232	3.7			
8	194933	5900	406000	386425	19575	71	230	3.4			
9	287458	5100	480000	460890	19110	60	231	4.1			
10	193024	6600	471000	458640	12360	67	231	3.8			
11	20602	5900	410000	397738	12262	74	231	3.9			
12	15155	4000	382000	382015	-15	77	231	3.8			
13	59571	5600	439000	415628	23372	69	230	4.0			
14	182280	5400	458000	438695	19305	61	230	3.9			
15	369441	4600	548000	535595	12405	54	231	4.1			
16	331735	4000	525000	512169	12831	57	231	4.2			
17	481265	3900	521000	504650	16350	55	230	4.0			
18	197680	6500	458000	451276	6724	70	230	3.8			
19	51627	12000	408000	405954	2046	71	230	3.9			
20	240991	18000	423000	406683	16317	64	232	3.7	70223	644	1
21	177038	17400	481000	462007	18993	65	231	3.8			
22	226013	18800	472000	452476	19524	69	231	3.8			
23	101060	5300	415000	409550	5450	69	230	3.9			
24	60331	4600	416000	390900	25100	72	230	4.0			
25	250438	2300	462000	462823	-823	58	231	3.7			
26	185381	5500	475000	469929	5071	64	231	3.9			
27	321806	9500	405000	376619	28381	67	232	3.2			
28	348177	11500	422000	392776	29224	72	232	3.4			
29	0	0	0	0	0	0	0	0.0			
30	0	0	0	0	0	0	0	0.0			
31	0	0	0	0	0	0	0	0.0			
TOTALS	6,952,071	212,000	12,742,000	12,330,353	411,647	60	209	3.5	111097	873	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Implant	
FEB	11,568,044	38,921,232	25,221,012	74,187,616			202,352	609,451	173,904	90,138	
JAN	10,408,883	36,574,376	25,058,462	70,904,112			189,610	599,300	169,574	88,928	
TOTALS	1,159,161	2,346,856	162,550	3,283,504	6,952,071		12,742	10,151	4,330	1,210	
BOILER GAS METERS				New Meter			X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			12,742,000	10,151,000	4,330,000	1,210,000	
FEB	264,464,115	144,950,700	169,765,993	183,316,814			Main Gas			12,742,000	
JAN	263,197,363	142,217,503	169,373,745	175,378,658			Boiler Gas			12,330,353	
TOTALS	1,266,752	2,733,197	392,248	7,938,156			Aux. Gas			411,647	
METER							Make-up %			25%	
TOTALS	1,266,752	2,733,197	392,248	7,938,156	12,330,353	411,647	Make-up Gallons			212,000	
							0	Total Lbs. Of Steam		6,952,071	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher			Lbs. Of Steam on Oil		111097	
FEB	45,096,017	44,893,517	80,169,600	34,163,172	7878948			Lbs. Of Steam on Gas		6,840,974	
JAN	44,990,405	44,786,360	79,957,600	34,082,918	7035353			CU/FT. Gas/Steam		1.80	
TOTALS	105,612	107,157	212,000	80,254	843595			Lbs. Steam Implant		1,210,000	
TOTAL SOFTENERS			X8.3					Lbs. Steam Bldg 1000		10,151,000	
TOTALS	212,769		1,759,600					Lbs. Steam Complex		4,330,000	
								Gals. Through Softeners		212,769	
FUEL OIL							F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
FEB	46536	1104	818	0	1999900		2/7/2017	30	3/27/2017	30	
JAN	45663	1104	818	0	1996230				Date	Gallons	
TOTALS	873	0	0	0	3670	873					

Mar-17	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	360754	11200	437000	407329	29671	74	232	3.5			
2	424502	10600	521000	502319	18681	60	232	4.1			
3	436590	10200	521000	500615	20385	60	232	4.2			
4	418542	2800	495000	483867	11133	60	233	4.7			
5	433632	7700	458000	446413	11587	60	232	4.0			
6	332010	12500	429000	403188	25812	71	232	3.5			
7	352759	12800	430000	408217	21783	71	232	3.4			
8	413257	12700	481000	448864	32136	64	232	3.9			
9	287196	12300	429000	396550	32450	72	232	4.7			
10	328044	17900	433000	413670	19330	71	232	3.4			
11	330728	17700	447000	428022	18978	67	231	3.7			
12	411534	17000	505000	486224	18776	56	232	4.4			
13	518250	19200	575000	534537	40463	57	232	4.6			
14	415357	19200	504000	477673	26327	57	232	4.5			
15	411878	20300	508000	477854	30146	58	232	4.0			
16	376186	14600	460000	440980	19020	66	232	3.9			
17	344642	4600	419000	396267	22733	70	232	3.9			
18	349225	5500	409000	389612	19388	72	232	3.7			
19	359509	10200	412000	398305	13695	73	232	4.0			
20	290416	9000	412000	397940	14060	74	230	0.0			
21	299782	36400	445000	427053	17947	73	231	0.0			
22	307683	36200	440000	414843	25157	72	231	0.0			
23	313219	40600	439000	427033	11967	73	231	0.0			
24	319377	41900	456000	440779	15221	73	231	0.0			
25	294594	37800	415000	401977	13023	75	230	0.0			
26	290887	38200	419000	410298	8702	74	230	0.0			
27	294843	37000	418000	397339	20661	76	230	0.0			
28	296841	38400	426000	410080	15920	76	230	0.0			
29	310427	33400	439000	418062	20938	75	230	0.0			
30	293209	21900	436000	420630	15370	70	231	0.0			
31	297057	15300	413000	398706	14294	68	231	0.0			
TOTALS	10,912,930	625,100	14,031,000	13,405,246	625,754	68	231	2.5	0	0	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Inplant	
MAR	12,109,033	44,867,524	25,900,616	3,746,045			216,383	620,346	177,950	91,793	
FEB	11,568,044	38,921,232	25,221,012	0			202,352	609,451	173,904	90,138	
TOTALS	540,989	5,946,292	679,604	3,746,045	10,912,930		14,031	10,895	4,046	1,655	
BOILER GAS METERS				New Meter			X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			14,031,000	10,895,000	4,046,000	1,655,000	
MAR	265,056,314	151,371,651	170,950,065	188,524,838			Main Gas			14,031,000	
FEB	264,464,115	144,950,700	169,765,993	183,316,814			Boiler Gas			13,405,246	
TOTALS	592,199	6,420,951	1,184,072	5,208,024			Aux. Gas			625,754	
METER							Make-up %			48%	
TOTALS	592,199	6,420,951	1,184,072	5,208,024	13,405,246	625,754	Make-up Gallons			625,100	
						0	Total Lbs. Of Steam			10,912,930	
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil			0	
MAR	45,432,708	45,226,066	80,794,700	34,373,262	8182007		Lbs. Of Steam on Gas			10,912,930	
FEB	45,096,017	44,893,517	80,169,600	34,163,172	7878948		CU/FT. Gas/Steam			1.23	
TOTALS	336,691	332,549	625,100	210,090	303059		Lbs. Steam Inplant			1,655,000	
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000			10,895,000	
TOTALS	669,240		5,188,330				Lbs. Steam Complex			4,046,000	
							Gals. Through Softeners			669,240	
							F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
MAR	46539	1104	821	0	2000010		3/13/2017	30			
FEB	46536	1104	818	0	1999900		3/23/2017	30			
TOTALS	3	0	3	0	110	6					

Apr-17	STEAM FLOW	MAKE-UP	MAIN GAS	BOILER GAS	AUX. GAS	OUTSIDE TEMP	FEED WATER TEMP	O2	LBS OF STEAM ON OIL	F/O GAL	BLR #
1	263359	14200	382000	365751	16249	71	231	0.0			
2	246690	16200	339000	328682	10318	75	230	0.0			
3	248843	12600	385000	361141	23859	73	231	0.0			
4	261852	9400	356000	347995	8005	73	231	0.0			
5	272444	14100	425000	397212	27788	70	230	0.0			
6	215314	21900	428000	102812	325188	64	212	4.5			
7	522074	11400	402000	418750	-16750	70	231	4.3			
8	343894	12400	405000	203101	201899	72	232	4.5			
9	321532	12200	381000	188107	192893	72	232	4.5			
10	364450	14300	386000	169052	216948	74	231	4.0	70221	675	1
11	346727	12200	408000	174182	233818	68	232	3.4			
12	362927	11400	407000	168810	238190	68	232	3.5			
13	386889	11900	414000	170390	243610	73	231	3.5			
14	345276	12000	397000	145183	251817	72	232	3.4			
15	339250	12200	380000	145840	234160	72	232	3.4			
16	352155	12600	391000	151443	239557	72	231	3.7			
17	303186	23900	317000	241861	75139	74	224	4.7	82991	761	1
18	305157	36800	425000	375282	49718	70	225	4.5			
19	303679	39100	444000	380331	63669	75	228	4.5			
20	328183	37400	413000	367383	45617	78	223	4.5		104	2
21	282089	13700	406000	357736	48264	77	225	4.5			
22	332597	12400	401000	359589	41411	73	232	4.7			
23	270535	18500	445000	393246	51754	63	222	5.0			
24	235071	13800	413000	385348	27652	68	232	4.2			
25	276191	11100	393000	375207	17793	66	238	3.3			
26	296213	15800	404000	383548	20452	79	239	3.3			
27	295508	14100	418000	395503	22497	69	241	3.6			
28	329947	15900	386000	366194	19806	81	235	3.5			
29	345761	13400	362000	337635	24365	81	232	3.7			
30	344881	12500	426000	396655	29345	71	232	3.7			
31	0	0	0	0	0	0	0	0.0			
TOTALS	9,442,674	489,400	11,939,000	8,953,969	2,985,031	70	223	3.2	153212	1540	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			Main Gas	Bldg 100	Complex	Implant	
APR	13,622,023	49,174,808	28,061,156	5,208,005			228,322	630,133	182,053	93,227	
MAR	12,109,033	44,867,524	25,900,616	3,746,045			216,383	620,346	177,950	91,793	
TOTALS	1,512,990	4,307,284	2,160,540	1,461,960	9,442,774		11,939	9,787	4,103	1,434	
	BOILER GAS METERS				New Meter		X1000	X1000	X1000	X1000	
DATES	Boiler #1	Boiler #2	Boiler #3	Boiler #4			11,939,000	9,787,000	4,103,000	1,434,000	
APR	266,572,298	153,967,331	173,848,415	190,468,793			Main Gas	11,939,000			
MAR	265,056,314	151,371,651	170,950,065	188,524,838			Boiler Gas	8,953,969			
TOTALS	1,515,984	2,595,680	2,898,350	1,943,955			Aux. Gas	2,985,031			
METER							Make-up %	43%			
TOTALS	1,515,984	2,595,680	2,898,350	1,943,955	8,953,969	2,985,031	Make-up Gallons	489,400			
						0	Total Lbs. Of Steam	9,442,774			
DATES	#1	#2	Make-up	Anion Unit	Cond. Polisher		Lbs. Of Steam on Oil	153212			
APR	45,687,601	45,486,074	81,284,100	34,482,898	8560366		Lbs. Of Steam on Gas	9,289,562			
MAR	45,432,708	45,226,066	80,794,700	34,373,262	8182007		CU/FT. Gas/Steam	0.96			
TOTALS	254,893	260,008	489,400	109,636	378359		Lbs. Steam Implant	1,434,000			
TOTAL SOFTENERS			X8.3				Lbs. Steam Bldg 1000	9,787,000			
TOTALS	514,901		4,062,020				Lbs. Steam Complex	4,103,000			
							Gals. Through Softeners	514,901			
		FUEL OIL					F/O Gallons Transfer to Grounds				
DATES	#1	#2	#3	#4	Main Meter		Date	Gallons	Date	Gallons	
APR	47938	1208	858	0	2006680		4/12/2017	30			
MAR	46539	1104	821	0	2000010				Date	Gallons	
TOTALS	1399	104	37	0	6670	1540					

Attachment 2



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: tony.clark@va.gov

Cycle Number: _____

Usage Period from: 1-Jan-16 to 31-Jan-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-Jan-16	0	4	7	0	0	8		0	0	0	0	4	6	9	6	2		1	0	
59263853 (2-7) T2	31-Jan-16	1	0	0	5	6	5		0	0	0	0	9	9	6	8	1		0	0	
60650546 (109) T3	31-Jan-16	0	4	1	3	4	7		1	0	0	0	4	1	2	5	8		8	0	
Blow Down Meter Number	Read Date											Prior Meter Reading									
18232591 (8-9) T1	31-Jan-16	0	3	7	2	8	9		6	0	0	0	0	3	7	2	6	8		6	0
1471827 (2-7) T2	31-Jan-16	0	1	1	6	2	8		4	0	0	0	0	1	1	3	5	0		0	0
44129452 (109) T3	31-Jan-16	0	0	0	0	8	6		1	1	0	0	0	0	0	0	8	0		2	3

I _____ certify that the above readings accurately reflect all water usage and discharge a that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

City of Houston Code of Ordinances Section 47-129(f): "Any person making a false affidavit as to the amount of water usage registered by a meter installed under the provisions of the section, or any person representing to the city that the facility for wh

IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/23/15

Usage Period from: 1/1/2016 TO 1/31/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
0	17846596 (1)	047,008,000	046,962,100	000,045,900	
0	69405533 (2)	000,100,565	000,099,681	000,000,884	
0	60650546 (109)	041,347,100	041,258,800	000,088,300	
					000,135,084
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
0	18232591 (1)	037,289,600	037,268,600	000,021,000	
0	15759900 (2)	000,011,628	000,011,350	000,000,278	
0	33312620 (109)	000,086,110	000,080,230	000,005,880	
					000,027,158
					000,107,926
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 511.57

CYCLES OF CONCENTRATION



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: rodney.gabriel@va.gov

Cycle Number: _____

Usage Period from: 1-Feb-16 to 29-Feb-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	29-Feb-16	0	4	7	0	7	9		2	0	0	0	4	7	0	0	8		0	0	
59263853 (2-7) T2	29-Feb-16	1	0	1	9	4	9		0	0	0	0	0	0	5	6	5		0	0	
60650546 (109) T3	29-Feb-16	0	4	1	5	5	5		3	0	0	0	0	4	1	3	4	7		1	0
Blow Down Meter Number	Read Date											Prior Meter Reading									
18232591 (8-9) T1	29-Feb-16	0	3	7	2	8	9		8	0	0	0	0	3	7	2	8	9		6	0
1471827 (2-7) T2	29-Feb-16	0	1	1	6	5	0		0	0	0	0	0	1	1	6	2	8		4	0
44129452 (109) T3	29-Feb-16	0	0	0	1	0	3		6	0	0	0	0	0	0	0	8	6		1	1

I, _____, certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

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IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 2/1/2016 TO 2/29/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
0	17846596 (1)	047,079,200	047,008,000	000,071,200	
0	69405533 (2)	000,101,949	000,100,565	000,001,384	
0	60650546 (109)	041,555,300	041,347,100	000,208,200	
					000,280,784
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
0	18232591 (1)	037,289,800	037,289,600	000,000,200	
0	15759900 (2)	000,011,650	000,011,628	000,000,022	
0	33312620 (109)	000,103,600	000,086,110	000,017,490	
					000,017,712
					000,263,072
ctivity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 1,246.96

CYCLES OF CONCENTRATION



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: rodney.gabriel@va.gov

Cycle Number: _____

Usage Period from: 1-Mar-16 to 31-Mar-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-Mar-16	0	4	7	1	0	3		9	0	0	0	4	7	0	7	9		2	0	
59263853 (2-7) T2	31-Mar-16	1	0	4	0	8	2		0	0	0	1	0	1	9	4	9		0	0	
60650546 (109) T3	31-Mar-16	0	4	1	9	0	6		7	0	0	0	4	1	5	5	5		3	0	
Blow Down Meter Number	Read Date											Prior Meter Reading									
18232591 (8-9) T1	31-Mar-16	0	3	7	2	8	9		9	0	0	0	3	7	2	8	9		8	0	
1471827 (2-7) T2	31-Mar-16	0	1	1	6	6	0		4	0	0	0	1	1	6	5	0		0	0	
44129452 (109) T3	31-Mar-16	0	0	0	1	4	5		3	8	0	0	0	0	1	0	3		6	0	

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

City of Houston Code of Ordinances Section 47-129(f): "Any person making a false affidavit as to the amount of water usage registered by a meter installed under the provisions of the section, or any person representing to the city that the facility for wh

IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 3/1/2016 TO 3/31/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
0	17846596 (1)	047,103,900	047,079,200	000,024,700	
0	69405533 (2)	000,104,082	000,101,949	000,002,133	
0	60650546 (109)	041,906,700	041,555,300	000,351,400	
					000,378,233
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
0	18232591 (1)	037,289,900	037,289,800	000,000,100	
0	15759900 (2)	000,011,660	000,011,650	000,000,010	
0	33312620 (109)	000,145,380	000,103,600	000,041,780	
					000,041,890
					000,336,343
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 1,594.27

CYCLES OF CONCENTRATION



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-Apr-16 to 30-Apr-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	30-Apr-16	0	4	7	1	2	7		5	0	0	0	4	7	1	0	3		9	0	
59263853 (2-7) T2	30-Apr-16	1	0	6	4	3	0		0	0	0	1	0	4	0	8	2		0	0	
60650546 (109) T3	30-Apr-16	0	4	2	3	4	3		0	0	0	0	4	1	9	0	6		7	0	
Blow Down Meter Number	Read Date											Prior Meter Reading									
18232591 (8-9) T1	30-Apr-16	0	3	7	2	8	9		9	0	0	0	3	7	2	8	9		8	0	
48400936 (2-7) T2	30-Apr-16	0	0	0	0	0	0		0	7	4	1	1	6	3	5	1		0	0	
47918109 (109) T3	30-Apr-16	0	0	0	1	4	5		3	8	0	0	0	0	1	4	5		3	8	

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

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IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 4/1/2016 TO 4/30/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
0	17846596 (1)	047,127,500	047,103,900	000,023,600	
0	69405533 (2)	000,106,430	000,104,082	000,002,348	
0	60650546 (109)	042,343,000	041,906,700	000,436,300	
					000,462,248
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
0	18232591 (1)	037,289,900	037,289,800	000,000,100	
0	48400936(2)	000,000,074	000,116,351	-000,116,277	
0	47918109(109)	000,191,300	000,145,380	000,045,920	
					-000,070,257
					000,532,505
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 2,524.07

CYCLES OF CONCENTRATION



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-May-16 to 31-May-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-May-16	0	4	7	1	9	3		3	0	0	0	4	7	1	2	7		5	0	
59263853 (2-7) T2	31-May-16	1	0	9	9	6	7		0	0	0	0	1	0	6	4	3	0		0	0
60650546 (109) T3	31-May-16	0	4	2	3	4	3		0	0	0	0	0	4	2	3	4	3		0	0
Blow Down Meter Number	Read Date											Prior Meter Reading									
18232591 (8-9) T1	31-May-16	0	3	7	2	9	3		4	0	0	0	3	7	2	8	9		9	0	0
48400936 (2-7) T2	31-May-16	0	0	0	2	0	4		5	0	0	0	0	0	0	0	0		0	7	4
47918109 (109) T3	31-May-16	0	0	0	1	4	5		3	8	0	0	0	0	1	4	5		3	8	0

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

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IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 5/1/2016 TO 5/31/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
o	17846596 (1)	047,193,300	047,127,500	000,065,800	
o	69405533 (2)	000,109,967	000,106,430	000,003,537	
o	60650546 (109)	042,343,000	042,343,000	000,000,000	
					000,069,337
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
o	18232591 (1)	037,296,400	037,289,900	000,006,500	
o	48400936(2)	000,000,210	000,000,074	000,000,136	
o	47918109(109)	000,145,380	000,145,380	000,000,000	
					000,006,636
					000,062,701
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 297.20
	CYCLES OF CONCENTRATION				10



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRI
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-Jul-16 to 31-Jul-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-Jul-16	0	4	8	1	8	3		7	0	0	0	4	7	5	3	8		7	0	
59263853 (2-7) T2	31-Jul-16	1	1	8	1	6	9		0	0	0		1	1	3	6	4	8		0	0
60650546 (109) T3	31-Jul-16	0	4	4	9	4	8		4	0	0		0	4	3	8	5	7		3	0
Blow Down Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
18232591 (8-9) T1	31-Jul-16	0	3	7	2	9	9		9	5	0		0	3	7	2	9	9		9	0
48400936 (2-7) T2	31-Jul-16	0	0	0	4	5	9		5	0	0		0	0	0	3	2	4		9	0
47918109(109) T3	31-Jul-16	0	0	0	4	6	6		1	3	0		0	0	0	3	5	3		5	4

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

City of Houston Code of Ordinances Section 47-129(f): "Any person making a false affidavit as to the amount of water usage registered by a meter installed under the provisions of the section, or any person representing to the city that the facility for wh

IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 7/1/2016 TO 7/31/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
0	17846596 (1)	048,183,700	047,538,700	000,645,000	
0	69405533 (2)	000,118,169	000,113,648	000,004,521	
0	60650546 (109)	044,948,400	043,857,300	001,091,100	
					001,740,621
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
0	18232591 (1)	037,299,950	037,299,900	000,000,050	
0	48400936(2)	000,000,459	000,000,324	000,000,135	
0	47918109(109)	000,466,130	000,353,540	000,112,590	
					000,112,775
					001,627,846
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 7,715.99

CYCLES OF CONCENTRATION

15



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-Aug-16 to 31-Aug-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-Aug-16	0	4	8	1	8	3		7	0	0	0	4	8	1	8	3		7	0	
59263853 (2-7) T2	31-Aug-16	1	2	2	4	0	7		0	0	0	1	1	8	1	6	9		0	0	
60650546 (109) T3	31-Aug-16	0	4	5	8	1	5		5	0	0	0	4	4	9	4	8		4	0	
Blow Down Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
60936852 (8-9) T1	31-Aug-16	0	0	0	0	2	7		7	0	0	0	3	7	2	9	9		9	5	
48400936 (2-7) T2	31-Aug-16	0	0	0	6	4	1		4	0	0	0	0	0	4	3	9		1	0	
47918109(109) T3	31-Aug-16	0	0	0	5	6	3		7	9	0	0	0	0	4	6	8		2	3	

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

City of Houston Code of Ordinances Section 47-129(f): "Any person making a false affidavit as to the amount of water usage registered by a meter installed under the provisions of the section, or any person representing to the city that the facility for wh

IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 8/1/2016 TO 8/31/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
o	17846596 (104A)	048,561,300	048,183,700	000,377,600	
o	69405533 (104)	000,122,407	000,118,169	000,004,238	
o	60650546 (109)	045,815,500	044,948,400	000,867,100	
					001,248,938
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
o	60936852 (104A)	000,027,700	000,000,000	000,027,700	
o	48400936(104)	000,000,641	000,000,439	000,000,202	
o	47918109(109)	000,563,790	000,468,230	000,095,560	
					000,123,462
					001,125,476
Activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 5,334.76
	CYCLES OF CONCENTRATION				10



City of Houston Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: _____

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-Sep-16 to 30-Sep-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	30-Sep-16	0	4	8	1	8	3		7	0	0	0	4	8	1	8	3		7	0	0
59263853 (2-7) T2	30-Sep-16	1	2	2	4	0	7		0	0	0	1	1	8	1	6	9		0	0	0
60650546 (109) T3	30-Sep-16	0	4	5	8	1	5		5	0	0	0	4	4	9	4	8		4	0	0
Blow Down Meter Number	Read Date											Prior Meter Reading									
60936852 (8-9) T1	30-Sep-16	0	0	0	0	2	7		7	0	0	0	3	7	2	9	9		9	5	
48400936 (2-7) T2	30-Sep-16	0	0	0	6	4	1		4	0	0	0	0	0	4	3	9		1	0	
47918109(109) T3	30-Sep-16	0	0	0	5	6	3		7	9	0	0	0	0	4	6	8		2	3	

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

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IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 9/1/2016 TO 9/30/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
	o 17846596 (104A)	048,561,300	048,183,700	000,377,600	
	o 69405533 (104)	000,122,407	000,118,169	000,004,238	
	o 60650546 (109)	045,815,500	044,948,400	000,867,100	
					001,248,938
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
	o 60936852 (104A)	000,027,700	000,000,000	000,027,700	
	o 48400936(104)	000,000,641	000,000,439	000,000,202	
	o 47918109(109)	000,563,790	000,468,230	000,095,560	
					000,123,462
					001,125,476
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 5,334.76

CYCLES OF CONCENTRATION



City of Houston Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: 1/21/2016

Contact Person: RODNEY GABRI
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-Oct-16 to 31-Oct-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-Oct-16	0	4	9	6	4	8		9	0	0	0	4	9	3	6	7		6	0	
59263853 (2-7) T2	31-Oct-16	1	2	9	0	9	0		0	0	0	1	2	6	3	6	0		0	0	
60650546 (109) T3	31-Oct-16	0	4	7	4	3	9		1	0	0	0	4	6	8	4	2		7	0	
Blow Down Meter Number	Read Date											Prior Meter Reading									
60936852 (8-9) T1	31-Oct-16	0	0	1	1	0	0		0	0	0	0	0	0	0	6	9		2	0	
48400936 (2-7) T2	31-Oct-16	0	0	1	2	6	3		7	0	0	0	0	0	9	5	1		2	0	
47918109(109) T3	31-Oct-16	0	0	0	7	8	3		5	8	0	0	0	0	7	0	3		7	3	

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

City of Houston Code of Ordinances Section 47-129(f): "Any person making a false affidavit as to the amount of water usage registered by a meter installed under the provisions of the section, or any person representing to the city that the facility for wh

IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 10/1/2016 TO 10/31/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
o	17846596 (104A)	049,648,900	049,367,600	000,281,300	
o	69405533 (104)	000,129,090	000,126,360	000,002,730	
o	60650546 (109)	047,439,100	046,842,700	000,596,400	
					000,880,430
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
o	60936852 (104A)	000,110,000	000,069,200	000,040,800	
o	48400936(104)	000,001,263	000,000,951	000,000,312	
o	47918109(109)	000,783,580	000,703,730	000,079,850	
					000,120,962
					000,759,468
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 3,599.88

CYCLES OF CONCENTRATION



City of Houston Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: 1/21/2016

Contact Person: RODNEY GABRI
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____ Usage Period from: 1-Nov-16 to 30-Nov-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	30-Nov-16	0	4	9	6	9	5		2	0	0	0	4	9	6	4	8		9	0	
59263853 (2-7) T2	30-Nov-16	1	3	1	0	6	2		0	0	0	0	1	2	9	0	6	0	0	0	
60650546 (109) T3	30-Nov-16	0	4	8	0	0	7		6	0	0	0	0	4	7	4	3	9	1	0	
Blow Down Meter Number	Read Date											Prior Meter Reading									
60936852 (8-9) T1	30-Nov-16	0	0	0	1	1	7		5	0	0	0	0	0	0	0	6	9	2	0	
48400936 (2-7) T2	30-Nov-16	0	0	1	5	1	9		7	0	0	0	0	0	9	5	1		2	0	
47918109(109) T3	30-Nov-16	0	0	0	8	5	7		4	1	0	0	0	0	7	0	3		7	3	

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

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IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 11/1/2016 TO 11/30/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
0	17846596 (104A)	049,695,200	049,648,900	000,046,300	
0	69405533 (104)	000,131,062	000,129,090	000,001,972	
0	60650546 (109)	048,007,600	047,439,100	000,568,500	
					000,616,772
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
0	60936852 (104A)	000,117,500	000,110,000	000,007,500	
0	48400936(104)	000,001,519	000,001,263	000,000,256	
0	47918109(109)	000,857,410	000,783,580	000,073,830	
					000,081,586
					000,535,186
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 2,536.78

CYCLES OF CONCENTRATION



City of Houston
Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: 1/21/2016

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-Dec-16 to 31-Dec-16

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-Dec-16	0	4	9	9	1	5		8	0	0	0	4	9	6	9	5		2	0	
59263853 (2-7) T2	31-Dec-16	1	3	2	4	1	5		8	0	0		1	3	1	0	6	2		0	0
60650546 (109) T3	31-Dec-16	0	4	8	4	1	6		4	0	0		0	4	8	0	0	7		6	0
Blow Down Meter Number	Read Date											Prior Meter Reading									
60936852 (8-9) T1	31-Dec-16	0	0	0	1	3	4		6	0	0		0	0	0	1	1	7		5	0
48400936 (2-7) T2	31-Dec-16	0	0	1	5	7	8		7	0	0		0	0	1	5	1	9		7	0
47918109(109) T3	31-Dec-16	0	0	0	9	0	4		7	0	0		0	0	0	8	5	7		4	1

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

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IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 12/1/2016 TO 12/31/2016

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
	0 17846596 (104A)	049,915,800	049,695,200	000,220,600	
	0 69405533 (104)	000,132,431	000,131,062	000,001,369	
	0 60650546 (109)	048,416,400	048,007,600	000,408,800	
					000,630,769
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
	0 60936852 (104A)	000,134,600	000,117,500	000,017,100	
	0 48400936(104)	000,001,578	000,001,519	000,000,059	
	0 47918109(109)	000,904,700	000,857,410	000,047,290	
					000,064,449
					000,566,320
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 2,684.36

CYCLES OF CONCENTRATION



City of Houston Sub-Meter Read Sheet Form

Utility Customer Service
4200 Leeland
Houston, Texas 77023
Attn: Contract Water Section
Office: 713-371-1194

Return form by FAX to:
713-371-1078

Customer Information:

Account Name: VETERANS HOSPITAL
Account Number: 5102-0400-1018
Service Address: 2002 HOLCOMBE BLVD
Last Calibration Date: 1/21/2016

Contact Person: RODNEY GABRIEL
Phone Number: 713-791-1414 EXT 25887
Fax Number: 713-794-7995
E-Mail Address: RAY.WILLIE@va.gov

Cycle Number: _____

Usage Period from: 1-Jan-17 to 31-Jan-17

Complete All Areas (use second sheet if necessary):

Make Up Meter Number	Read Date	Current Meter Reading										Prior Meter Reading									
17846596 (8-9) T1	31-Jan-17	0	5	1	2	0	3		6	0	0	0	4	9	9	1	5		8	0	
59263853 (2-7) T2	31-Jan-17	1	3	2	7	9	9		0	0	0	1	3	2	4	1	5		8	0	
60650546 (109) T3	31-Jan-17	0	4	8	7	9	3		6	0	0	0	4	8	4	1	6		4	0	
Blow Down Meter Number	Read Date											Prior Meter Reading									
60936852 (8-9) T1	31-Jan-17	0	0	0	1	9	8		4	0	0	0	0	0	1	3	4		6	0	
48400936 (2-7) T2	31-Jan-17	0	0	1	5	7	9		9	0	0	0	0	1	5	7	8		7	0	
47918109(109) T3	31-Jan-17	0	0	0	9	4	0		1	3	0	0	0	0	9	0	4		7	0	

I _____ certify that the above readings accurately reflect all water usage and discharge that occurred for this cooling tower system. No water source other than water purchased from the City of Houston

Signature

Date

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IEL

Account Name: VETERANS HOSPITAL

Account Number: 5102-0400-1018

Service Address: 2002 HOLCOMBE BLVD

Last Calibration Date: 1/21/16

Usage Period from: 1/1/2017 TO 1/31/2017

	Make up Meter #	Current Meter Reading	Prior Meter Reading	Usage	
	0 17846596 (104A)	051,203,600	049,915,800	001,287,800	
	0 69405533 (104)	000,132,799	000,132,431	000,000,368	
	0 60650546 (109)	048,793,800	048,416,400	000,377,400	
					001,665,568
	Blow Down Meter#	Current Meter Reading	Prior Meter Reading	Usage	
	0 60936852 (104A)	000,198,400	000,134,600	000,063,800	
	0 48400936(104)	000,001,579	000,001,578	000,000,001	
	0 47918109(109)	000,940,110	000,904,700	000,035,410	
					000,099,211
					001,566,357
activity		0			\$ 0.00474
		Estimated Adjustment Amount for Evaporated			\$ 7,424.53

CYCLES OF CONCENTRATION

E.4 52.233-2 SERVICE OF PROTEST (SEP 2006)

Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

Hand-Carried Address:

Department of Veterans Affairs
Network Contracting Office 16
2002 Holcombe Blvd
Houston, TX 77030-4298

Department of Veterans Affairs
Network Contracting Office 16
2002 Holcombe Blvd
Houston, TX 77030-4298

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of Provision)

E.5 VAAR 852.270-1 REPRESENTATIVES OF CONTRACTING OFFICERS (JAN 2008)

The contracting officer reserves the right to designate representatives to act for him/her in furnishing technical guidance and advice or generally monitor the work to be performed under this contract. Such designation will be in writing and will define the scope and limitation of the designee's authority. A copy of the designation shall be furnished to the contractor.

(End of Provision)