

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, &amp; 30</i>				1. REQUISITION NUMBER		PAGE OF 1 35	
2. CONTRACT NO. DE-NA0002471		3. AWARD/ EFFECTIVE DATE 01/01/2015	4. ORDER NUMBER		5. SOLICITATION NUMBER		6. SOLICITATION ISSUE DATE
7. <b>FOR SOLICITATION INFORMATION CALL:</b>		a. NAME Edward Williams III		b. TELEPHONE NUMBER (No collect calls) 505-845-6874		8. OFFER DUE DATE/LOCAL TIME	
9. ISSUED BY NNSA/Contracts & Procurement Div. U.S. Department of Energy Contracts and Procurement Division P.O. Box 5400 Albuquerque NM 87185-5400			CODE 05001	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE: % FOR:  <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS <input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> EDWOSB <input type="checkbox"/> 8(A) NAICS: 221310 SIZE STANDARD: \$25.5			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS NET 30		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) <input type="checkbox"/>		13b. RATING	
15. DELIVER TO DOE/NNSA LIVERMORE FIELD OFFICE 7000 EAST AVENUE LIVERMORE CA 94550-0808			CODE	16. ADMINISTERED BY NNSA/Contracts & Procurement Div. U.S. Department of Energy Contracts and Procurement Division P.O. Box 5400 Albuquerque NM 87185-5400		CODE 05001	
17a. CONTRACTOR/OFFEROR SAN FRANCISCO, CITY & COUNTY OF Attn: SANDA THAIK 525 Golden Gate Avenue SAN FRANCISCO CA 94102  TELEPHONE NO. 4154875224		CODE 027659064	FACILITY CODE	18a. PAYMENT WILL BE MADE BY OR for NNSA U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 5807 Oak Ridge TN 37831		CODE 00503	
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER				<input type="checkbox"/> 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM			
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	POTABLE WATER SERVICE. Period of Performance: 01/01/2015 to 12/31/2024  <i>(Use Reverse and/or Attach Additional Sheets as Necessary)</i>						
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$29,865,584.00	
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA				<input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED.			
<input checked="" type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA				<input type="checkbox"/> ARE <input checked="" type="checkbox"/> ARE NOT ATTACHED.			
<input checked="" type="checkbox"/> 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.				<input type="checkbox"/> 29. AWARD OF CONTRACT: _____ OFFER DATED _____, YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)			
30b. NAME AND TITLE OF SIGNER (Type or print)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (Type or print) Yolanda Robinson-Freeman		31c. DATE SIGNED	

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

RECEIVED     INSPECTED     ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: \_\_\_\_\_

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER  <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT  <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
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38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY ( <i>Print</i> )	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT ( <i>Location</i> )
		42c. DATE REC'D ( <i>YY/MM/DD</i> )

CONTRACT / SOLICITATION / ORDER NUMBER

DE-NA0002471

CONTRACT SPECIALIST

EDWARD W. WILLIAMS

United States Department of Energy  
NNSA Office of Acquisition Management  
Attn: Edward W. Williams, Bldg 388 / NA-APM-123.1  
P. O. Box 5400  
Albuquerque, NM 87185-5400

Phone: 505-845-6874  
EMail: ed.williams@nnsa.doe.gov

CONTRACTING OFFICER'S REPRESENTATIVE

MARK ZULIM

Phone: (925) 422-7396  
EMail: mark.zulim@nnsa.doe.gov

ITEM	SUPPLIES OR SERVICES	Qty Purch Unit	Unit Price Total Item Amount
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**POTABLE WATER SERVICE**

0001		1	\$29,865,584.00
		Lot	\$29,865,584.00

*Noun:* POTABLE WATER SERVICE  
*ACRN:* U  
*Contract type:* J - FIRM FIXED PRICE  
*Inspection:* DESTINATION  
*Acceptance:* DESTINATION  
*FOB:* DESTINATION

*Descriptive Data:*

A. The Contractor shall furnish all personnel, facilities, services, materials, supplies (except as may be expressly set forth in this contract as furnished by the Government) and otherwise do all things necessary for, or incidental to, providing the requirements specified in the Statement of Work entitled "Primary Potable Water Service, San Francisco Public Utilities", Attachment (1) to this contract.

B. A review of this contract will be conducted by the (NNSA) each year to ensure the annual rates are current. If the rates have changed, ensure that the changes are appropriately adjusted and/or a copy of the new rates will be obtained and will be made a part of this contract by incorporation as an Attachment. The contract award amount, if necessary, shall be adjusted to reflect the change(s) in the rates.

C. **10 CFR 851, "Worker Safety and Health Program"**: In accordance with DOE G 440.1-8, Page 11, subparagraph 3.1.3.3.5 "Utility Providers", utility providers are not considered service contractors and are not subject to Part 851.

D. In emergency situations, such as severe droughts, SFPUC under the California Water Code, Section 350 may take more restrictive measures to conserve water. SFPUC will notify LFO approximately 60 days prior to the pending water conservation measure(s) anticipated to be implemented or as soon as possible thereafter (depending on the serverity of the situation), and the estimated length of the pending water conservation measure(s) to allow LFO adequate time to invoke alternative resources for its water needs.

E. The estimated annual cost is \$2,986,558.40.

F. The estimated ten (10) year cost for the performance period of this contract is \$29,865,584.00 that includes an overall estimated annual cost increase per discussions with the San Francisco Public Utilities Commission representative.

G. The ten year period of performance begins 1 January 2015 and ends 31 December 2024.

<u>ITEM</u>	<u>SUPPLIES SCHEDULE DATA</u>	<u>QTY</u>	<u>DATE</u>
<b>0001</b>		1	31 Dec 2024
	<i>Noun:</i> <i>ACRN:</i>	POTABLE WATER SERVICE U	

**1. FAR 52.202-1 DEFINITIONS (DEVIATION) (Nov 2013)**

(a) When a solicitation provision or contract clause uses a word or term that is defined in the Federal Acquisition Regulation (FAR), the word or term has the same meaning as the definition in FAR 2.101 in effect at the time the solicitation was issued, unless--

- (1) The solicitation, or amended solicitation, provides a different definition;
- (2) The contracting parties agree to a different definition;
- (3) The part, subpart, or section of the FAR where the provision or clause is prescribed provides a different meaning; or
- (4) The word or term is defined in FAR Part 31, for use in the cost principles and procedures.

(b) When a solicitation provision or contract clause uses a word or term that is defined in the Department of Energy Acquisition Regulation (DEAR) (48 CFR chapter 9), the word or term has the same meaning as the definition in 48 CFR 902.101 or the definition in the part, subpart, or section of 48 CFR chapter 9 where the provision or clause is prescribed in effect at the time the solicitation was issued, unless an exception in (a) applies.

(End of clause)

**2. FAR 52.203-5 COVENANT AGAINST CONTINGENT FEES (May 2014)**

(a) The Contractor warrants that no person or agency has been employed or retained to solicit or obtain this contract upon an agreement or understanding for a contingent fee, except a bona fide employee or agency. For breach or violation of this warranty, the Government shall have the right to annul this contract without liability or to deduct from the contract price or consideration, or otherwise recover, the full amount of the contingent fee.

(b) "Bona fide agency," as used in this clause, means an established commercial or selling agency, maintained by a Contractor for the purpose of securing business, that neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds itself out as being able to obtain any Government contract or contracts through improper influence.

"Bona fide employee," as used in this clause, means a person, employed by a Contractor and subject to the Contractor's supervision and control as to time, place, and manner of performance, who neither exerts nor proposes to exert improper influence to solicit or obtain Government contracts nor holds out as being able to obtain any Government contract or contracts through improper influence.

"Contingent fee," as used in this clause, means any commission, percentage, brokerage, or other fee that is contingent upon the success that a person or concern has in securing a Government contract.

"Improper influence," as used in this clause, means any influence that induces or tends to induce a Government employee or officer to give consideration or to act regarding a Government contract on any basis other than the merits of the matter.

(End of clause)

**3. FAR 52.203-6 RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (Sep 2006) ALTERNATE I (OCT 1995)**

(a) Except as provided in (b) of this clause, the Contractor shall not enter into any agreement with an actual or prospective subcontractor, nor otherwise act in any manner, which has or may have the effect of restricting sales by such subcontractors directly to the Government of any item or process (including computer software) made or furnished by the subcontractor under this contract or under any follow-on production contract.

(b) The prohibition in paragraph (a) of this clause does not preclude the Contractor from asserting rights that are otherwise authorized by law or regulation. For acquisitions of commercial items, the prohibition in paragraph (a) applies only to the extent that any agreement restricting sales by subcontractors results in the Federal Government being treated differently from any other prospective purchaser for the sale of the commercial item(s).

(c) The Contractor agrees to incorporate the substance of this clause, including this paragraph (c), in all subcontracts under this contract which exceed the simplified acquisition threshold.

(End of clause)

**4. FAR 52.203-7 ANTI-KICKBACK PROCEDURES (May 2014)**

(a) Definitions.

“Kickback,” as used in this clause, means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided to any prime Contractor, prime Contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a subcontract relating to a prime contract.

“Person,” as used in this clause, means a corporation, partnership, business association of any kind, trust, joint-stock company, or individual.

“Prime contract,” as used in this clause, means a contract or contractual action entered into by the United States for the purpose of obtaining supplies, materials, equipment, or services of any kind.

“Prime Contractor” as used in this clause, means a person who has entered into a prime contract with the United States.

“Prime Contractor employee,” as used in this clause, means any officer, partner, employee, or agent of a prime Contractor.

“Subcontract,” as used in this clause, means a contract or contractual action entered into by a prime Contractor or subcontractor for the purpose of obtaining supplies, materials, equipment, or services of any kind under a prime contract.

“Subcontractor,” as used in this clause,

(1) means any person, other than the prime Contractor, who offers to furnish or furnishes any supplies, materials, equipment, or services of any kind under a prime contract or a subcontract entered into in connection with such prime contract, and

(2) includes any person who offers to furnish or furnishes general supplies to the prime Contractor or a higher tier subcontractor.

“Subcontractor employee,” as used in this clause, means any officer, partner, employee, or agent of a subcontractor.

(b) 41 U.S.C. chapter 87, Kickbacks, prohibits any person from--

(1) Providing or attempting to provide or offering to provide any kickback;

(2) Soliciting, accepting, or attempting to accept any kickback; or

(3) Including, directly or indirectly, the amount of any kickback in the contract price charged by a prime Contractor to the United States or in the contract price charged by a subcontractor to a prime Contractor or higher tier subcontractor.

(c)

(1) The Contractor shall have in place and follow reasonable procedures designed to prevent and detect possible violations described in paragraph (b) of this clause in its own operations and direct business relationships.

(2) When the Contractor has reasonable grounds to believe that a violation described in paragraph (b) of this clause may have occurred, the Contractor shall promptly report in writing the possible violation. Such reports shall be made to the inspector general of the contracting agency, the head of the contracting agency if the agency does not have an inspector general, or the Attorney General.

(3) The Contractor shall cooperate fully with any Federal agency investigating a possible violation described in paragraph (b) of this clause.

(4) The Contracting Officer may

(i) offset the amount of the kickback against any monies owed by the United States under the prime contract and/or

(ii) direct that the Prime Contractor withhold from sums owed a subcontractor under the prime contract the amount of the kickback. The Contracting Officer may order that monies withheld under subdivision (c)(4)(ii) of this clause be paid over to the Government unless the Government has already offset those monies under subdivision (c)(4)(i) of this clause. In either case, the Prime Contractor shall notify the Contracting Officer when the monies are withheld.

(5) The Contractor agrees to incorporate the substance of this clause, including subparagraph (c)(5) but excepting subparagraph (c)(1), in all subcontracts under this contract which exceed \$150,000.

(End of clause)

**5. FAR 52.203-17 CONTRACTOR EMPLOYEE WHISTLEBLOWER RIGHTS AND REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS (Apr 2014)**

(a) This contract and employees working on this contract will be subject to the whistleblower rights and remedies in the pilot program on Contractor employee whistleblower protections established at 41 U.S.C. 4712 by section 828 of the National Defense Authorization Act for Fiscal Year 2013 (Pub. L. 112-239) and FAR 3.908.



(b) The Contractor shall inform its employees in writing, in the predominant language of the workforce, of employee whistleblower rights and protections under 41 U.S.C. 4712, as described in section 3.908 of the Federal Acquisition Regulation.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in all subcontracts over the simplified acquisition threshold.

(End of clause)

**6. FAR 52.212-4 ADDENDUM TO CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS (Sep 2013)**

52.212-4, Contract Terms and Conditions -- Commercial Items is hereby tailored as follows:

(a) The place of inspection, acceptance, and FOB is destination .

(b) See Attachment 5 of this contract for a full readable version of this clause.

(End of clause)

**7. FAR 52.223-17 AFFIRMATIVE PROCUREMENT OF EPA-DESIGNATED ITEMS IN SERVICE AND CONSTRUCTION CONTRACTS (May 2008)**

(a) In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired--

(1) Competitively within a timeframe providing for compliance with the contract performance schedule;

(2) Meeting contract performance requirements; or

(3) At a reasonable price.

(b) Information about this requirement is available at EPA's Comprehensive Procurement Guidelines web site, <http://www.epa.gov/cpg/>. The list of EPA-designated items is available at <http://www.epa.gov/cpg/products.htm>.

(End of clause)

**8. FAR 52.232-1 PAYMENTS (Apr 1984)**

The Government shall pay the Contractor, upon the submission of proper invoices or vouchers, the prices stipulated in this contract for supplies delivered and accepted or services rendered and accepted, less any deductions provided in this contract. Unless otherwise specified in this contract, payment shall be made on partial deliveries accepted by the Government if--

(a) The amount due on the deliveries warrants it; or

(b) The Contractor requests it and the amount due on the deliveries is at least \$1,000 or 50 percent of the total contract price.

(End of clause)

**9. FAR 52.232-39 UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS (Jun 2013)**

(a) Except as stated in paragraph (b) of this clause, when any supply or service acquired under this contract is subject to any End User License Agreement (EULA), Terms of Service (TOS), or similar legal instrument or agreement, that includes any clause requiring the Government to indemnify the Contractor or any person or entity for damages, costs, fees, or any other loss or liability that would create an Anti-Deficiency Act violation (31 U.S.C. 1341), the following shall govern:

(1) Any such clause is unenforceable against the Government.

(2) Neither the Government nor any Government authorized end user shall be deemed to have agreed to such clause by virtue of it appearing in the EULA, TOS, or similar legal instrument or agreement. If the EULA, TOS, or similar legal instrument or agreement is invoked through an "I agree" click box or other comparable mechanism (e.g., "click-wrap" or "browse-wrap" agreements), execution does not bind the Government or any Government authorized end user to such clause.

(3) Any such clause is deemed to be stricken from the EULA, TOS, or similar legal instrument or agreement.

(b) Paragraph (a) of this clause does not apply to indemnification by the Government that is expressly authorized by statute and specifically authorized under applicable agency regulations and procedures.

(End of clause)

**10. FAR 52.233-3 PROTEST AFTER AWARD (Aug 1996)**

(a) Upon receipt of a notice of protest (as defined in FAR 33.101) or a determination that a protest is likely (see FAR 33.102(d)), the Contracting Officer may, by written order to the Contractor, direct the Contractor to stop performance of the work called for by this contract. The order shall be specifically identified as a stop-work order issued under this clause. Upon receipt of the order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Upon receipt of the final decision in the protest, the Contracting Officer shall either--

(1) Cancel the stop-work order; or

(2) Terminate the work covered by the order as provided in the Default, or the Termination for Convenience of the Government, clause of this contract.

(b) If a stop-work order issued under this clause is canceled either before or after a final decision in the protest, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment in the delivery schedule or contract price, or both, and the contract shall be modified, in writing, accordingly, if--

(1) The stop-work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this contract; and

(2) The Contractor asserts its right to an adjustment within 30 days after the end of the period of work stoppage; provided, that if the Contracting Officer decides the facts justify the action, the Contracting Officer may receive and act upon a proposal at any time before final payment under this contract.

(c) If a stop-work order is not canceled and the work covered by the order is terminated for the convenience of the Government, the Contracting Officer shall allow reasonable costs resulting from the stop-work order in arriving at the termination settlement.

(d) If a stop-work order is not canceled and the work covered by the order is terminated for default, the Contracting Officer shall allow, by equitable adjustment or otherwise, reasonable costs resulting from the stop-work order.

(e) The Government's rights to terminate this contract at any time are not affected by action taken under this clause.

(f) If, as the result of the Contractor's intentional or negligent misstatement, misrepresentation, or miscertification, a protest related to this contract is sustained, and the Government pays costs, as provided in FAR 33.102(b)(2) or 33.104(h)(1), the Government may require the Contractor to reimburse the Government the amount of such costs. In addition to any other remedy available, and pursuant to the requirements of Subpart 32.6, the Government may collect this debt by offsetting the amount against any payment due the Contractor under any contract between the Contractor and the Government.

(End of clause)

**11. FAR 52.233-4 APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM (Oct 2004)**

United States law will apply to resolve any claim of breach of this contract.

(End of clause)

**12. FAR 52.237-2 PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION (Apr 1984)**

The Contractor shall use reasonable care to avoid damaging existing buildings, equipment, and vegetation on the Government installation. If the Contractor's failure to use reasonable care causes damage to any of this property, the Contractor shall replace or repair the damage at no expense to the Government as the Contracting Officer directs. If the Contractor fails or refuses to make such repair or replacement, the Contractor shall be liable for the cost, which may be deducted from the contract price.

(End of clause)

**13. FAR 52.241-2 ORDER OF PRECEDENCE -- UTILITIES (Feb 1995)**

In the event of any inconsistency between the terms of this contract (including the specifications) and any rate schedule, rider, or exhibit incorporated in this contract by reference or otherwise, or any of the Contractor's rules and regulations, the terms of this contract shall control.

(End of clause)

**14. FAR 52.241-3 SCOPE AND DURATION OF CONTRACT (Feb 1995)**

(a) For the period beginning 1 January 2015 through 31 December 2024 the Contractor agrees to furnish and the Government agrees to purchase potable water utility service in accordance with the applicable tariff(s), rules, and regulations as approved by the applicable governing regulatory body and as set forth in the contract.

(b) It is expressly understood that neither the Contractor nor the Government is under any obligation to continue any service under the terms and conditions of this contract beyond the expiration date.

(c) The Contractor shall provide the Government with one complete set of rates, terms, and conditions of service which are in effect as of the date of this contract and any subsequently approved rates.

(d) The Contractor shall be paid at the applicable rate(s) under the tariff and the Government shall be liable for the minimum monthly charge, if any, specified in this contract commencing with the period in which service is initially furnished and continuing for the term of this contract. Any minimum monthly charge specified in this contract shall be equitably prorated for the periods in which commencement and termination of this contract become effective.

(End of clause)

#### **15. FAR 52.241-4 CHANGE IN CLASS OF SERVICE (Feb 1995)**

(a) In the event of a change in the class of service, such service shall be provided at the Contractor's lowest available rate schedule applicable to the class of service furnished.

(b) Where the Contractor does not have on file with the regulatory body approved rate schedules applicable to services provided, no clause in this contract shall preclude the parties from negotiating a rate schedule applicable to the class of service furnished.

(End of clause)

#### **16. FAR 52.241-5 CONTRACTOR'S FACILITIES (Feb 1995)**

(a) The Contractor, at its expense, unless otherwise provided for in this contract, shall furnish, install, operate, and maintain all facilities required to furnish service hereunder, and measure such service at the point of delivery specified in the Service Specifications. Title to all such facilities shall remain with the Contractor and the Contractor shall be responsible for loss or damage to such facilities, except that the Government shall be responsible to the extent that loss or damage has been caused by the Government's negligent acts or omissions.

(b) Notwithstanding any terms expressed in this clause, the Contractor shall obtain approval from the Contracting Officer prior to any equipment installation, construction, or removal. The Government hereby grants to the Contractor, free of any rental or similar charge, but subject to the limitations specified in this contract, a revocable permit or license to enter the service location for any proper purpose under this contract. This permit or license includes use of the site or sites agreed upon by the parties hereto for the installation, operation, maintenance, and repair of the facilities of the Contractor required to be located upon Government premises. All applicable taxes and other charges in connection therewith, together with all liability of the Contractor in construction, operation, maintenance and repair of such facilities, shall be the obligation of the Contractor.

(c) Authorized representatives of the Contractor will be allowed access to the facilities on Government premises at reasonable times to perform the obligations of the Contractor regarding such facilities. It is expressly understood that the Government may limit or restrict the right of access herein granted in any manner considered necessary (e.g., national security, public safety).

(d) Unless otherwise specified in this contract, the Contractor shall, at its expense, remove such facilities and restore Government premises to their original condition as near as practicable within a reasonable time after the Government terminates this contract. In the event

such termination of this contract is due to the fault of the Contractor, such facilities may be retained in place at the option of the Government for a reasonable time while the Government attempts to obtain service elsewhere comparable to that provided for hereunder.

(End of clause)

**17. FAR 52.241-6 SERVICE PROVISIONS (Feb 1995)**

(a) Measurement of service.

(1) All service furnished by the Contractor shall be measured by suitable metering equipment of standard manufacture, to be furnished, installed, maintained, repaired, calibrated, and read by the Contractor at its expense. When more than a single meter is installed at a service location, the readings thereof may be billed conjunctively, if appropriate. In the event any meter fails to register (or registers incorrectly) the service furnished, the parties shall agree upon the length of time of meter malfunction and the quantity of service delivered during such period of time. An appropriate adjustment shall be made to the next invoice for the purpose of correcting such errors. However, any meter which registers not more than 2 % percent slow or fast shall be deemed correct.

(2) The Contractor shall read all meters at periodic intervals of approximately 30 days or in accordance with the policy of the cognizant regulatory body or applicable bylaws. All billings based on meter readings of less than 30 days shall be prorated accordingly.

(b) Meter test.

(1) The Contractor, at its expense, shall periodically inspect and test Contractor-installed meters at intervals not exceeding one year(s) The Government has the right to have representation during the inspection and test.

(2) At the written request of the Contracting Officer, the Contractor shall make additional tests of any or all such meters in the presence of Government representatives. The cost of such additional tests shall be borne by the Government if the percentage of errors is found to be not more than 2 % percent slow or fast.

(3) No meter shall be placed in service or allowed to remain in service which has an error in registration in excess of 2 % percent under normal operating conditions.

(c) Change in volume or character. Reasonable notice shall be given by the Contracting Officer to the Contractor regarding any material changes anticipated in the volume or characteristics of the utility service required at each location.

(d) Continuity of service and consumption. The Contractor shall use reasonable diligence to provide a regular and uninterrupted supply of service at each service location, but shall not be liable for damages, breach of contract or otherwise, to the Government for failure, suspension, diminution, or other variations of service occasioned by or in consequence of any cause beyond the control of the Contractor, including but not limited to acts of God or of the public enemy, fires, floods, earthquakes, or other catastrophe, strikes, or failure or breakdown of transmission or other facilities. If any such failure, suspension, diminution, or other variation of service shall aggregate more than NA hour(s) during any billing period hereunder, an equitable adjustment shall be made in the monthly billing specified in this contract (including the minimum monthly charge).

(End of clause)

**18. FAR 52.241-7 CHANGE IN RATES OR TERMS AND CONDITIONS OF SERVICE FOR REGULATED SERVICES (Feb 1995)**

(a) This clause applies to the extent services furnished under this contract are subject to regulation by a regulatory body. The Contractor agrees to give 45 days written notice of (1) the filing of an application for change in rates or terms and conditions of service concurrently with the filing of the application and (2) any changes pending with the regulatory body as of the date of contract award. Such notice shall fully describe the proposed change. If, during the term of this contract, the regulatory body having jurisdiction approves any changes, the Contractor shall forward to the Contracting Officer a copy of such changes within 15 days after the effective date thereof. The Contractor agrees to continue furnishing service under this contract in accordance with the amended tariff, and the Government agrees to pay for such service at the higher or lower rates as of the date when such rates are made effective.

(b) The Contractor agrees that throughout the life of this contract the applicable published and unpublished rate schedule(s) shall not be in excess of the lowest cost published and unpublished rate schedule(s) available to any other customers of the same class under similar conditions of use and service.

(c) In the event that the regulatory body promulgates any regulation concerning matters other than rates which affects this contract, the Contractor shall immediately provide a copy to the Contracting Officer. The Government shall not be bound to accept any new regulation inconsistent with Federal laws or regulations.

(d) Any changes to rates or terms and conditions of service shall be made a part of this contract by the issuance of a contract modification unless otherwise specified in the contract. The effective date of the change shall be the effective date by the regulatory body. Any factors not governed by the regulatory body will have an effective date as agreed to by the parties.

(End of clause)

**19. FAR 52.241-11 MULTIPLE SERVICE LOCATIONS (Feb 1995)**

(a) At any time by written order, the Contracting Officer may designate any location within the service area of the Contractor at which utility service shall commence or be discontinued. Any changes to the service specifications shall be made a part of the contract by the issuance of a contract modification to include the name and location of the service, specifying any different rate, the point of delivery, different service specifications, and any other terms and conditions.

(b) The applicable monthly charge specified in this contract shall be equitably prorated from the period in which commencement or discontinuance of service at any service location designated under the Service Specifications shall become effective.

(End of clause)

**20. FAR 52.242-13 BANKRUPTCY (Jul 1995)**

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

(End of clause)

**21. FAR 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS (May 2014)**

(a) Definitions. As used in this clause--

“Commercial item” has the meaning contained Federal Acquisition Regulation 2.101, Definitions.

“Subcontract” includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subContractor at any tier.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subContractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)

(1) The Contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (41 U.S.C. 3509), if the subcontract exceeds \$5,000,000 and has a performance period of more than 120 days. In altering this clause to identify the appropriate parties, all disclosures of violation of the civil False Claims Act or of Federal criminal law shall be directed to the agency Office of the Inspector General, with a copy to the Contracting Officer.

(ii) 52.203-15, Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009 (JUN 2010) (Section 1553 of Pub. L. 111-5), if the subcontract is funded under the Recovery Act.

(iii) 52.219-8, Utilization of Small Business Concerns (May 2014) (15 U.S.C. 637(d)(2) and (3)), if the subcontract offers further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$650,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iv) 52.222-26, Equal Opportunity (Mar 2007) (E.O. 11246).

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2006) (38 U.S.C. 4212(a));

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (Oct 2010) (29 U.S.C. 793).

(vii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496), if flow down is required in accordance with paragraph (f) of FAR clause 52.222-40.

(viii) 52.222-50, Combating Trafficking in Persons (Feb 2009) (22 U.S.C. 7104(g)).

(ix) 52.225-26, Contractors Performing Private Security Functions Outside the United States Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(x) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (Dec 2013), if flow down is required in accordance with paragraph (c) of FAR clause 52.232-40.

(xi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. App. 1241 and 10 U.S.C. 2631), if flow down is required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

(End of clause)

## **22. FAR 52.245-1 GOVERNMENT PROPERTY (Apr 2012)**

(a) Definitions. As used in this clause-

"Cannibalize" means to remove parts from Government property for use or for installation on other Government property.

"Contractor-acquired property" means property acquired, fabricated, or otherwise provided by the Contractor for performing a contract, and to which the Government has title.

"Contractor inventory" means-

(1) Any property acquired by and in the possession of a Contractor or subcontractor under a contract for which title is vested in the Government and which exceeds the amounts needed to complete full performance under the entire contract;

(2) Any property that the Government is obligated or has the option to take over under any type of contract, e.g., as a result either of any changes in the specifications or plans thereunder or of the termination of the contract (or subcontract thereunder), before completion of the work, for the convenience or at the option of the Government; and

(3) Government-furnished property that exceeds the amounts needed to complete full performance under the entire contract.

"Contractor's managerial personnel" means the Contractor's directors, officers, managers, superintendents, or equivalent representatives who have supervision or direction of-

(1) All or substantially all of the Contractor's business;

(2) All or substantially all of the Contractor's operation at any one plant or separate location; or

(3) A separate and complete major industrial operation.

"Demilitarization" means rendering a product unusable for, and not restorable to, the purpose for which it was designed or is customarily used.

"Discrepancies incident to shipment" means any differences (e.g., count or condition) between the items documented to have been shipped and items actually received.



“Equipment” means a tangible item that is functionally complete for its intended purpose, durable, nonexpendable, and needed for the performance of a contract. Equipment is not intended for sale, and does not ordinarily lose its identity or become a component part of another article when put into use. Equipment does not include material, real property, special test equipment or special tooling.

“Government-furnished property” means property in the possession of, or directly acquired by, the Government and subsequently furnished to the Contractor for performance of a contract. Government-furnished property includes, but is not limited to, spares and property furnished for repair, maintenance, overhaul, or modification. Government-furnished property also includes contractor-acquired property if the contractor-acquired property is a deliverable under a cost contract when accepted by the Government for continued use under the contract.

“Government property” means all property owned or leased by the Government. Government property includes both Government-furnished and Contractor-acquired property. Government property includes material, equipment, special tooling, special test equipment, and real property. Government property does not include intellectual property and software.

“Loss of Government Property” means unintended, unforeseen or accidental loss, damage or destruction to Government property that reduces the Government's expected economic benefits of the property. Loss of Government property does not include purposeful destructive testing, obsolescence, normal wear and tear or manufacturing defects. Loss of Government property includes, but is not limited to-

- (1) Items that cannot be found after a reasonable search:
- (2) Theft:
- (3) Damage resulting in unexpected harm to property requiring repair to restore the item to usable condition; or
- (4) Destruction resulting from incidents that render the item useless for its intended purpose or beyond economical repair.

“Material” means property that may be consumed or expended during the performance of a contract, component parts of a higher assembly, or items that lose their individual identity through incorporation into an end item. Material does not include equipment, special tooling, special test equipment or real property.

“Nonseverable” means property that cannot be removed after construction or installation without substantial loss of value or damage to the installed property or to the premises where installed.

“Precious metals” means silver, gold, platinum, palladium, iridium, osmium, rhodium, and ruthenium.

“Production scrap” means unusable material resulting from production, engineering, operations and maintenance, repair, and research and development contract activities. Production scrap may have value when re-melted or reprocessed, e.g., textile and metal clippings, borings, and faulty castings and forgings.

“Property” means all tangible property, both real and personal.

“Property Administrator” means an authorized representative of the Contracting Officer appointed in accordance with agency procedures, responsible for administering the contract requirements and obligations relating to Government property in the possession of a Contractor.

“Property records” means the records created and maintained by the contractor in support of its stewardship responsibilities for the management of Government property.

“Provide” means to furnish, as in Government-furnished property, or to acquire, as in contractor-acquired property.

“Real property.” See Federal Management Regulation 102-71.20 (41 CFR 102-71.20).

“Sensitive property” means property potentially dangerous to the public safety or security if stolen, lost, or misplaced, or that shall be subject to exceptional physical security, protection, control, and accountability. Examples include weapons, ammunition, explosives, controlled substances, radioactive materials, hazardous materials or wastes, or precious metals.

“Unit acquisition cost” means-

(1) For Government-furnished property, the dollar value assigned by the Government and identified in the contract; and

(2) For contractor-acquired property, the cost derived from the Contractor's records that reflect consistently applied generally accepted accounting principles.

(b) Property management.

(1) The Contractor shall have a system to manage (control, use, preserve, protect, repair and maintain) Government property in its possession. The system shall be adequate to satisfy the requirements of this clause. In doing so, the Contractor shall initiate and maintain the processes, systems, procedures, records, and methodologies necessary for effective and efficient control of Government property. The Contractor shall disclose any significant changes to its property management system to the Property Administrator prior to implementation of the changes. The Contractor may employ customary commercial practices, voluntary consensus standards, or industry-leading practices and standards that provide effective and efficient Government property management that are necessary and appropriate for the performance of this contract (except where inconsistent with law or regulation).

(2) The Contractor's responsibility extends from the initial acquisition and receipt of property, through stewardship, custody, and use until formally relieved of responsibility by authorized means, including delivery, consumption, expending, sale (as surplus property), or other disposition, or via a completed investigation, evaluation, and final determination for lost property. This requirement applies to all Government property under the Contractor's accountability, stewardship, possession or control, including its vendors or subcontractors (see paragraph (f)(1)(v) of this clause).

(3) The Contractor shall include the requirements of this clause in all subcontracts under which Government property is acquired or furnished for subcontract performance.

(4) The Contractor shall establish and maintain procedures necessary to assess its property management system effectiveness and shall perform periodic internal reviews, surveillances, self assessments, or audits. Significant findings or results of such reviews and audits pertaining to Government property shall be made available to the Property Administrator.

(c) Use of Government property.

(1) The Contractor shall use Government property, either furnished or acquired under this contract, only for performing this contract, unless otherwise provided for in this contract or approved by the Contracting Officer.

(2) Modifications or alterations of Government property are prohibited, unless they are-

(i) Reasonable and necessary due to the scope of work under this contract or its terms and conditions;

(ii) Required for normal maintenance; or

(iii) Otherwise authorized by the Contracting Officer.

(3) The Contractor shall not cannibalize Government property unless otherwise provided for in this contract or approved by the Contracting Officer.

(d) Government-furnished property.

(1) The Government shall deliver to the Contractor the Government-furnished property described in this contract. The Government shall furnish related data and information needed for the intended use of the property. The warranties of suitability of use and timely delivery of Government-furnished property do not apply to property acquired or fabricated by the Contractor as contractor-acquired property and subsequently transferred to another contract with this Contractor.

(2) The delivery and/or performance dates specified in this contract are based upon the expectation that the Government-furnished property will be suitable for contract performance and will be delivered to the Contractor by the dates stated in the contract.

(i) If the property is not delivered to the Contractor by the dates stated in the contract, the Contracting Officer shall, upon the Contractor's timely written request, consider an equitable adjustment to the contract.

(ii) In the event property is received by the Contractor, or for Government-furnished property after receipt and installation, in a condition not suitable for its intended use, the Contracting Officer shall, upon the Contractor's timely written request, advise the Contractor on a course of action to remedy the problem. Such action may include repairing, replacing, modifying, returning, or otherwise disposing of the property at the Government's expense. Upon completion of the required action(s), the Contracting Officer shall consider an equitable adjustment to the contract (see also paragraph (f)(1)(ii)(A) of this clause).

(iii) The Government may, at its option, furnish property in an "as-is" condition. The Contractor will be given the opportunity to inspect such property prior to the property being provided. In such cases, the Government makes no warranty with respect to the serviceability and/or suitability of the property for contract performance. Any repairs, replacement, and/or refurbishment shall be at the Contractor's expense.

(3)

(i) The Contracting Officer may by written notice, at any time-

(A) Increase or decrease the amount of Government-furnished property under this contract;

(B) Substitute other Government-furnished property for the property previously furnished, to be furnished, or to be acquired by the Contractor for the Government under this contract; or

(C) Withdraw authority to use property.

(ii) Upon completion of any action(s) under paragraph (d)(3)(i) of this clause, and the Contractor's timely written request, the Contracting Officer shall consider an equitable adjustment to the contract.

(e) Title to Government property.

(1) All Government-furnished property and all property acquired by the Contractor, title to which vests in the Government under this paragraph (collectively referred to as "Government property"), is subject to the provisions of this clause. The Government shall retain title to all Government-furnished property. Title to Government property shall not be affected by its incorporation into or attachment to any property not owned by the Government, nor shall Government property become a fixture or lose its identity as personal property by being attached to any real property.

(2) Title vests in the Government for all property acquired or fabricated by the Contractor in accordance with the financing provisions or other specific requirements for passage of title in the contract. Under fixed price type contracts, in the absence of financing provisions or other specific requirements for passage of title in the contract, the Contractor retains title to all property acquired by the Contractor for use on the contract, except for property identified as a deliverable end item. If a deliverable item is to be retained by the Contractor for use after inspection and acceptance by the Government, it shall be made accountable to the contract through a contract modification listing the item as Government-furnished property.

(3) Title under Cost-Reimbursement or Time-and-Material Contracts or Cost-Reimbursable contract line items under Fixed-Price contracts.

(i) Title to all property purchased by the Contractor for which the Contractor is entitled to be reimbursed as a direct item of cost under this contract shall pass to and vest in the Government upon the vendor's delivery of such property.

(ii) Title to all other property, the cost of which is reimbursable to the Contractor, shall pass to and vest in the Government upon-

(A) Issuance of the property for use in contract performance;

(B) Commencement of processing of the property for use in contract performance; or

(C) Reimbursement of the cost of the property by the Government, whichever occurs first.

(iii) All Government-furnished property and all property acquired by the Contractor, title to which vests in the Government under this paragraph (e)(3)(iii) (collectively referred to as "Government property"), are subject to the provisions of this clause.

(f) Contractor plans and systems.

(1) Contractors shall establish and implement property management plans, systems, and procedures at the contract, program, site or entity level to enable the following outcomes:

(i) Acquisition of Property. The Contractor shall document that all property was acquired consistent with its engineering, production planning, and property control operations.

(ii) Receipt of Government Property. The Contractor shall receive Government property and document the receipt, record the information necessary to meet the record requirements of paragraph (f)(1)(iii)(A)(1) through (5) of this clause, identify as Government owned in a manner appropriate to the type of property (e.g., stamp, tag, mark, or other identification), and manage any discrepancies incident to shipment.

(A) Government-furnished property. The Contractor shall furnish a written statement to the Property Administrator containing all relevant facts, such as cause or condition and a recommended course(s) of action, if overages, shortages, or damages and/or other discrepancies are discovered upon receipt of Government-furnished property.

(B) Contractor-acquired property. The Contractor shall take all actions necessary to adjust for overages, shortages, damage and/or other discrepancies discovered upon receipt, in shipment of Contractor-acquired property from a vendor or supplier, so as to ensure the proper allocability and allowability of associated costs.

(iii) Records of Government property. The Contractor shall create and maintain records of all Government property accountable to the contract, including Government-furnished and Contractor-acquired property.

(A) Property records shall enable a complete, current, auditable record of all transactions and shall, unless otherwise approved by the Property Administrator, contain the following:

(1) The name, part number and description, National Stock Number (if needed for additional item identification tracking and/or disposition) and other data elements as necessary and required in accordance with the terms and conditions of the contract.

(2) Quantity received (or fabricated), issued, and balance-on-hand.

(3) Unit acquisition cost.

(4) Unique-item identifier or equivalent (if available and necessary for individual item tracking).

(5) Unit of measure.

(6) Accountable contract number or equivalent code designation.

(7) Location.

(8) Disposition.

(9) Posting reference and date of transaction.

(10) Date placed in service (if required in accordance with the terms and conditions of the contract).

(B) Use of a Receipt and Issue System for Government Material. When approved by the Property Administrator, the Contractor may maintain, in lieu of formal property records, a file of appropriately cross-referenced documents evidencing receipt, issue, and use of material that is issued for immediate consumption.

(iv) Physical inventory. The Contractor shall periodically perform, record, and disclose physical inventory results. A final physical inventory shall be performed upon contract completion or termination. The Property Administrator may waive this final inventory requirement, depending on the circumstances (e.g., overall reliability of the Contractor's system or the property is to be transferred to a follow-on contract).

(v) Subcontractor control.

(A) The Contractor shall award subcontracts that clearly identify items to be provided and the extent of any restrictions or limitations on their use. The Contractor shall ensure appropriate flow down of contract terms and conditions (e.g., extent of liability for loss of Government property).

(B) The Contractor shall assure its subcontracts are properly administered and reviews are periodically performed to determine the adequacy of the subcontractor's property management system.

(vi) Reports. The Contractor shall have a process to create and provide reports of discrepancies, loss of Government property, physical inventory results, audits and self-assessments, corrective actions, and other property related reports as directed by the Contracting Officer.

(vii) Relief of stewardship responsibility and liability. The Contractor shall have a process to enable the prompt recognition, investigation, disclosure and reporting of loss of Government property, including losses that occur at subcontractor or alternate site locations.

(A) This process shall include the corrective actions necessary to prevent recurrence.

(B) Unless otherwise directed by the Property Administrator, the Contractor shall investigate and report to the Government all incidents of property loss as soon as the facts become known. Such reports shall, at a minimum, contain the following information:

- (1) Date of incident (if known).
- (2) The data elements required under paragraph (f)(1)(iii)(A) of this clause.
- (3) Quantity.
- (4) Accountable contract number.
- (5) A statement indicating current or future need.
- (6) Unit acquisition cost, or if applicable, estimated sales proceeds, estimated repair or replacement costs.
- (7) All known interests in commingled material of which includes Government material.

(8) Cause and corrective action taken or to be taken to prevent recurrence.

(9) A statement that the Government will receive compensation covering the loss of Government property, in the event the Contractor was or will be reimbursed or compensated.

(10) Copies of all supporting documentation.

(11) Last know location.

(12) A statement that the property did or did not contain sensitive, export controlled, hazardous, or toxic material, and that the appropriate agencies and authorities were notified.

(C) Unless the contract provides otherwise, the Contractor shall be relieved of stewardship responsibility and liability for property when-

(1) Such property is consumed or expended, reasonably and properly, or otherwise accounted for, in the performance of the contract, including reasonable inventory adjustments of material as determined by the Property Administrator;

(2) Property Administrator grants relief of responsibility and liability for loss of Government property;

(3) Property is delivered or shipped from the Contractor's plant, under Government instructions, except when shipment is to a subcontractor or other location of the Contractor; or

(4) Property is disposed of in accordance with paragraphs (j) and (k) of this clause.

(viii) Utilizing Government property.

(A) The Contractor shall utilize, consume, move, and store Government Property only as authorized under this contract. The Contractor shall promptly disclose and report Government property in its possession that is excess to contract performance.

(B) Unless otherwise authorized in this contract or by the Property Administrator the Contractor shall not commingle Government material with material not owned by the Government.

(ix) Maintenance. The Contractor shall properly maintain Government property. The Contractor's maintenance program shall enable the identification, disclosure, and performance of normal and routine preventative maintenance and repair. The Contractor shall disclose and report to the Property Administrator the need for replacement and/or capital rehabilitation.

(x) Property closeout. The Contractor shall promptly perform and report to the Property Administrator contract property closeout, to include reporting, investigating and securing closure of all loss of Government property cases; physically inventorying all property upon termination or completion of this contract; and disposing of items at the time they are determined to be excess to contractual needs.

(2) The Contractor shall establish and maintain Government accounting source data, as may be required by this contract, particularly in the areas of recognition of acquisitions, loss of Government property, and disposition of material and equipment.

(g) Systems analysis.

(1) The Government shall have access to the contractor's premises and all Government property, at reasonable times, for the purposes of reviewing, inspecting and evaluating the Contractor's property management plan(s), systems, procedures, records, and supporting documentation that pertains to Government property. This access includes all site locations and, with the Contractor's consent, all subcontractor premises.

(2) Records of Government property shall be readily available to authorized Government personnel and shall be appropriately safeguarded.

(3) Should it be determined by the Government that the Contractor's (or subcontractor's) property management practices are inadequate or not acceptable for the effective management and control of Government property under this contract, or present an undue risk to the Government, the Contractor shall prepare a corrective action plan when requested by the Property Administrator and take all necessary corrective actions as specified by the schedule within the corrective action plan.

(4) The Contractor shall ensure Government access to subcontractor premises, and all Government property located at subcontractor premises, for the purposes of reviewing, inspecting and evaluating the subcontractor's property management plan, systems, procedures, records, and supporting documentation that pertains to Government property.

(h) Contractor Liability for Government Property.

(1) Unless otherwise provided for in the contract, the Contractor shall not be liable for loss of Government property furnished or acquired under this contract, except when any one of the following applies-

(i) The risk is covered by insurance or the Contractor is otherwise reimbursed (to the extent of such insurance or reimbursement). The allowability of insurance costs shall be determined in accordance with 31.205-19.

(ii) Loss of Government property that is the result of willful misconduct or lack of good faith on the part of the Contractor's managerial personnel.

(iii) The Contracting Officer has, in writing, revoked the Government's assumption of risk for loss of Government property due to a determination under paragraph (g) of this clause that the Contractor's property management practices are inadequate, and/or present an undue risk to the Government, and the Contractor failed to take timely corrective action. If the Contractor can establish by clear and convincing evidence that the loss of Government property occurred while the Contractor had adequate property management practices or the loss did not result from the Contractor's failure to maintain adequate property management practices, the Contractor shall not be held liable.

(2) The Contractor shall take all reasonable actions necessary to protect the property from further loss. The Contractor shall separate the damaged and undamaged property, place all the affected property in the best possible order, and take such other action as the Property Administrator directs.

(3) The Contractor shall do nothing to prejudice the Government's rights to recover against third parties for any loss of Government property.



(4) The Contractor shall reimburse the Government for loss of Government property, to the extent that the Contractor is financially liable for such loss, as directed by the Contracting Officer.

(5) Upon the request of the Contracting Officer, the Contractor shall, at the Government's expense, furnish to the Government all reasonable assistance and cooperation, including the prosecution of suit and the execution of instruments of assignment in favor of the Government in obtaining recovery.

(i) Equitable adjustment. Equitable adjustments under this clause shall be made in accordance with the procedures of the Changes clause. However, the Government shall not be liable for breach of contract for the following:

(1) Any delay in delivery of Government-furnished property.

(2) Delivery of Government-furnished property in a condition not suitable for its intended use.

(3) An increase, decrease, or substitution of Government-furnished property.

(4) Failure to repair or replace Government property for which the Government is responsible.

(j) Contractor inventory disposal. Except as otherwise provided for in this contract, the Contractor shall not dispose of Contractor inventory until authorized to do so by the Plant Clearance Officer or authorizing official.

(1) Predisposal requirements.

(i) If the Contractor determines that the property has the potential to fulfill requirements under other contracts, the Contractor, in consultation with the Property Administrator, shall request that the Contracting Officer transfer the property to the contract in question, or provide authorization for use, as appropriate. In lieu of transferring the property, the Contracting Officer may authorize the Contractor to credit the costs of Contractor-acquired property (material only) to the losing contract with the corresponding cost, when such material is needed for use on another contract. Property no longer needed shall be considered contractor inventory.

(ii) For any remaining Contractor-acquired property, the Contractor may purchase the property at the unit acquisition cost if desired or make reasonable efforts to return unused property to the appropriate supplier at fair market value (less, if applicable, a reasonable restocking fee that is consistent with the supplier's customary practices.)

(2) Inventory disposal schedules.

(i) Absent separate contract terms and conditions for property disposition, and provided the property was not reutilized, transferred, or otherwise disposed of, the Contractor, as directed by the Plant Clearance Officer or authorizing official, shall use Standard Form 1428, Inventory Disposal Schedule or electronic equivalent, to identify and report-

(A) Government-furnished property that is no longer required for performance of this contract;

(B) Contractor-acquired property, to which the Government has obtained title under paragraph (e) of this clause, which is no longer required for performance of that contract; and

(C) Termination inventory.

(ii) The Contractor may annotate inventory disposal schedules to identify property the Contractor wishes to purchase from the Government, in the event that the property is offered for sale.

(iii) Separate inventory disposal schedules are required for aircraft in any condition, flight safety critical aircraft parts, and other items as directed by the Plant Clearance Officer

(iv) The Contractor shall provide the information required by FAR 52.245-1(f)(1)(iii) along with the following:

(A) Any additional; information that may facilitate understanding of the property's intended use.

(B) For work-in-progress, the estimated percentage of completion.

(C) For precious metals in raw or bulk form, the type of metal and estimated weight.

(D) For hazardous material or property contaminated with hazardous material, the type of hazardous material.

(E) For metals in mill product form, the form, shape, treatment, hardness, temper, specification (commercial or Government) and dimensions (thickness, width and length).

(v) Property with the same description, condition code, and reporting location may be grouped in a single line item.

(vi) Scrap should be reported by "lot" along with metal content, estimated weight and estimated value.

(3) Submission requirements.

(i) The Contractor shall submit inventory disposal schedules to the Plant Clearance Officer no later than-

(A) 30 days following the Contractor's determination that a property item is no longer required for performance of this contract;

(B) 60 days, or such longer period as may be approved by the Plant Clearance Officer, following completion of contract deliveries or performance; or

(C) 120 days, or such longer period as may be approved by the Termination Contracting Officer, following contract termination in whole or in part.

(ii) Unless the Plant Clearance Officer determines otherwise, the Contractor need not identify or report production scrap on inventory disposal schedules, and may process and dispose of production scrap in accordance with its own internal scrap procedures.

The processing and disposal of other types of Government-owned scrap will be conducted in accordance with the terms and conditions of the contract or Plant Clearance Officer direction, as appropriate.

- (4) Corrections. The Plant Clearance Officer may-
- (i) Reject a schedule for cause (e.g., contains errors, determined to be inaccurate); and
  - (ii) Require the Contractor to correct an inventory disposal schedule.

(5) Postsubmission adjustments. The Contractor shall notify the Plant Clearance Officer at least 10 working days in advance of its intent to remove an item from an approved inventory disposal schedule. Upon approval of the Plant Clearance Officer, or upon expiration of the notice period, the Contractor may make the necessary adjustments to the inventory schedule.

- (6) Storage.
- (i) The Contractor shall store the property identified on an inventory disposal schedule pending receipt of disposal instructions. The Government's failure to furnish disposal instructions within 120 days following acceptance of an inventory disposal schedule may entitle the Contractor to an equitable adjustment for costs incurred to store such property on or after the 121st day.

- (ii) The Contractor shall obtain the Plant Clearance Officer's approval to remove Government property from the premises where the property is currently located prior to receipt of final disposition instructions. If approval is granted, any costs incurred by the Contractor to transport or store the property shall not increase the price or fee of any Government contract. The storage area shall be appropriate for assuring the property's physical safety and suitability for use. Approval does not relieve the Contractor of any liability for such property under this contract.

- (7) Disposition instructions.
- (i) The Contractor shall prepare for shipment, deliver f.o.b. origin, or dispose of Contractor inventory as directed by the Plant Clearance Officer. Unless otherwise directed by the Contracting Officer or by the Plant Clearance Officer, the Contractor shall remove and destroy any markings identifying the property as U.S. Government-owned property prior to its disposal.

- (ii) The Contracting Officer may require the Contractor to demilitarize the property prior to shipment or disposal. In such cases, the Contractor may be entitled to an equitable adjustment under paragraph (i) of this clause.

(8) Disposal proceeds. As directed by the Contracting Officer, the Contractor shall credit the net proceeds from the disposal of Contractor inventory to the contract, or to the Treasury of the United States as miscellaneous receipts.

(9) Subcontractor inventory disposal schedules. The Contractor shall require its Subcontractors to submit inventory disposal schedules to the Contractor in accordance with the requirements of paragraph (j)(3) of this clause.

- (k) Abandonment of Government property.

(1) The Government shall not abandon sensitive property or termination inventory without the Contractor's written consent.

(2) The Government, upon notice to the Contractor, may abandon any nonsensitive property in place, at which time all obligations of the Government regarding such property shall cease.

(3) Absent contract terms and conditions to the contrary, the Government may abandon parts removed and replaced from property as a result of normal maintenance actions, or removed from property as a result of the repair, maintenance, overhaul, or modification process.

(4) The Government has no obligation to restore or rehabilitate the Contractor's premises under any circumstances; however, if Government-furnished property is withdrawn or is unsuitable for the intended use, or if other Government property is substituted, then the equitable adjustment under paragraph (i) of this clause may properly include restoration or rehabilitation costs.

(l) Communication. All communications under this clause shall be in writing.

(m) Contracts outside the United States. If this contract is to be performed outside of the United States and its outlying areas, the words "Government" and "Government-furnished" (wherever they appear in this clause) shall be construed as "United States Government" and "United States Government-furnished," respectively.

(End of clause)

### **23. FAR 52.252-2 CLAUSES INCORPORATED BY REFERENCE (Feb 1998)**

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <http://farsite.hill.af.mil/> or <http://www.arnet.gov/far/>

(End of clause)

### **24. FAR 52.253-1 COMPUTER GENERATED FORMS (Jan 1991)**

(a) Any data required to be submitted on a Standard or Optional Form prescribed by the Federal Acquisition Regulation (FAR) may be submitted on a computer generated version of the form, provided there is no change to the name, content, or sequence of the data elements on the form, and provided the form carries the Standard or Optional Form number and edition date.

(b) Unless prohibited by agency regulations, any data required to be submitted on an agency unique form prescribed by an agency supplement to the FAR may be submitted on a computer generated version of the form provided there is no change to the name, content, or sequence of the data elements on the form and provided the form carries the agency form number and edition date.

(c) If the Contractor submits a computer generated version of a form that is different than the required form, then the rights and obligations of the parties will be determined based on the content of the required form.

(End of clause)

**25. DEAR 952.242-70 TECHNICAL DIRECTION (Dec 2000)**

(a) Performance of the work under this contract shall be subject to the technical direction of the DOE Contracting Officer's Representative (COR). The term "technical direction" is defined to include, without limitation:

(1) Providing direction to the Contractor that redirects contract effort, shift work emphasis between work areas or tasks, require pursuit of certain lines of inquiry, fill in details, or otherwise serve to accomplish the contractual Statement of Work.

(2) Providing written information to the Contractor that assists in interpreting drawings, specifications, or technical portions of the work description.

(3) Reviewing and, where required by the contract, approving, technical reports, drawings, specifications, and technical information to be delivered by the Contractor to the Government.

(b) The Contractor will receive a copy of the written COR designation from the Contracting Officer. It will specify the extent of the COR's authority to act on behalf of the Contracting Officer.

(c) Technical direction must be within the scope of work stated in the contract. The COR does not have the authority to, and may not, issue any technical direction that --

(1) Constitutes an assignment of additional work outside the Statement of Work;

(2) Constitutes a change as defined in the contract clause entitled "Changes;"

(3) In any manner causes an increase or decrease in the total estimated contract cost, the fee (if any), or the time required for contract performance;

(4) Changes any of the expressed terms, conditions or specifications of the contract; or

(5) Interferes with the Contractor's right to perform the terms and conditions of the contract.

(d) All technical direction shall be issued in writing by the COR.

(e) The Contractor must proceed promptly with the performance of technical direction duly issued by the COR in the manner prescribed by this clause and within its authority under the provisions of this clause. If, in the opinion of the Contractor, any instruction or direction by the COR falls within one of the categories defined in (c)(1) through (c)(5) of this clause, the Contractor must not proceed and must notify the Contracting Officer in writing within five (5) working days after receipt of any such instruction or direction and must request the Contracting Officer to modify the contract accordingly. Upon receiving the notification from the Contractor, the Contracting Officer must:

(1) Advise the Contractor in writing within thirty (30) days after receipt of the Contractor's letter that the technical direction is within the scope of the contract effort and does not constitute a change under the Changes clause of the contract;

(2) Advise the Contractor in writing within a reasonable time that the Government will issue a written change order; or

(3) Advise the Contractor in writing within a reasonable time not to proceed with the instruction or direction of the COR.

(f) A failure of the Contractor and Contracting Officer either to agree that the technical direction is within the scope of the contract or to agree upon the contract action to be taken with respect to the technical direction will be subject to the provisions of the clause entitled "Disputes."

(End of clause)

**26. DOE-G-1007 CONTRACTING OFFICER'S REPRESENTATIVE (Nov 2009)**

The Contracting Officer's Representative (COR) for the purposes of monitoring and coordinating the technical requirements of this contract is Mark Zulim (see page three (3) of this contract). Specific duties and responsibilities of the COR are those delegated in the Contracting Officer's Representative Delegation for this contract.

(End of clause)

**27. DOE-H-1025 CONTRACTOR INTERFACE WITH OTHER CONTRACTORS AND/OR GOVERNMENT EMPLOYEES (Nov 2009)**

The Government may award contracts for on-site work or services to additional contractors. The Contractor shall cooperate fully with all other on-site DOE Contractors, and with Government employees, and carefully fit its own work to such other work as may be directed by the Contracting Officer or a duly authorized representative. The Contractor shall not commit or permit any act which will interfere with the performance of work by any other Contractor or by a Government employee.

(End of clause)

**28. NNS-B-1002 CONTRACT TYPE: FIRM-FIXED-PRICE (Nov 2009)**

Total Price \$29,865,584.00

Applicable to following Line Items: 0001

**29. NNS-G-1001 BILLING INSTRUCTIONS (Nov 2009) ALTERNATE I (NOV 2009)**

(a) Contractors will use Standard Form 1034 (Public Voucher for Purchases and Services Other Than Personal) when requesting payment for supplies or services rendered.

(b) Contractors must submit vouchers electronically through the Oak Ridge Financial Service Center's (ORFSC) Vendor Inquiry Payment Electronic Reporting System (VIPERS). VIPERS allows vendors to submit vouchers, attach supporting documentation and check the payment status of any voucher submitted to the DOE. To obtain access to and use VIPERS, please visit the web page at <https://vipers.oro.doe.gov>. Detailed instructions on how to enroll and use the system are provided on the web page. The submission of vouchers electronically will reduce correspondence and other causes for delay to a minimum and will facilitate prompt payment to the Contractor. Do not submit a paper copy of the voucher.

(c) Each invoice shall include the following:

- (1) contract number;
- (2) contractor name;

- (3) date of invoice;
- (4) invoice number (invoices shall be sequentially numbered);
- (5) total amount of invoice;
- (6) period covered or items delivered; and
- (7) cumulative amount invoiced to date.

(d) Delivery Payments. Payments made under this contract shall be considered Delivery Payments as defined in FAR 32.001, entitled "Definitions."

(e) Approval of Invoices

. The contractor will be paid after approval by the NNSA Approving Official.

(End of clause)

**30. NNS-H-1001 INCORPORATION OF REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFEROR (Nov 2009)**

The Representations, Certifications, and Other Statements of Offeror were verified on the OnLine Representations and Certifications Application (ORCA) website on 08 January 2015 at 1500 hours. Mountain Time, and are hereby incorporated by reference.

(End of clause)

**31. NNS-H-1003 ACCESS TO DOE-OWNED OR LEASED FACILITIES (Aug 2011)**

(a) The performance of this contract requires that employees of the Contractor have physical access to DOE-owned or leased facilities; however, this clause does not control requirements for an employee's obtaining a security clearance. The Contractor understands and agrees that DOE has a prescribed process with which the Contractor and its employees must comply in order to receive a security badge that allows such physical access. The Contractor further understands that it must propose employees whose background offers the best prospect of obtaining a security badge approval for access. The contractor should consider the following types of potential problems, which are not all inclusive and may vary depending on access requirements, when making hiring decisions:

- (1) is the candidate suspected of being a terrorist;
- (2) is the candidate subject to an outstanding warrant;
- (3) has the candidate deliberately omitted, concealed, or falsified relevant and material facts from any Questionnaire for National Security Positions (SF-86), Questionnaire for Non-Sensitive Positions (SF-85), or similar form;
- (4) has the candidate presented false or forged identity source documents;
- (5) has the candidate been barred from Federal employment;
- (6) is the candidate currently awaiting a hearing or trial or been convicted of a crime punishable by imprisonment of six (6) months or longer; or
- (7) is the candidate awaiting or serving a form of pre-prosecution probation, suspended or deferred sentencing, probation or parole in conjunction with an arrest or criminal

charges against the individual for a crime that is punishable by imprisonment of six (6) months or longer.

(b) The Contractor shall assure:

(1) In initiating the process for gaining physical access, (i) compliance with procedures established by DOE in providing its employee(s) with any forms directed by DOE, (ii) that the employee properly completes any forms, and (iii) that the employee(s) submits the forms to the person designated by the Contracting Officer.

(2) In completing the process for gaining physical access, that its employee (i) cooperates with DOE officials responsible for granting access to DOE-owned or leased facilities and (ii) provides additional information, requested by those DOE officials.

(c) The Contractor understands and agrees that DOE may unilaterally deny a security badge to an employee and that the denial remains effective for that employee unless DOE subsequently determines that access may be granted. Upon notice from DOE that an employee's application for a security badge is or will be denied, the Contractor shall promptly identify and submit the forms referred to in subparagraph (b)(1) of this clause for the substitute employee. The denial of a security badge to individual employees by DOE shall not be cause for extension of the period of performance of this Contract or any Contractor claim against DOE.

(d) The Contractor shall return to the Contracting Officer or designee the badge(s) or other credential(s) provided by DOE pursuant to this clause, granting physical access to DOE-owned or leased facilities by the Contractor's employee(s), upon (1) the termination of this Contract; (2) the expiration of this Contract; (3) the termination of employment on this Contract by an individual employee; or (4) demand by DOE for return of the badge.

(e) The Contractor shall include this clause, including this paragraph (e), in any subcontract, awarded in the performance of this Contract, in which an employee(s) of the subcontractor will require physical access to DOE-owned or leased facilities.

(End of clause)

### **32. NNS-H-1010 REPORTING OF FRAUD, WASTE, ABUSE, CORRUPTION, OR MISMANAGEMENT (Jan 2011)**

The Contractor is required to comply with the following in accordance with DOE O 221.1A, Reporting Fraud, Waste, and Abuse to the Office of Inspector General and DOE O 221.2A, Cooperation with the Inspector General:

(a) Notify employees annually of their duty to report allegations of fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement relating to DOE programs, operations, facilities, contracts, or information technology systems to an appropriate authority (e.g. OIG, other law enforcement, supervisor, employee concerns office, security officials.) Examples of violations to be reported include, but are not limited to, allegations of false statements; false claims; bribery; kickbacks, fraud; DOE environment, safety, and health violations; theft; computer crimes; contractor mischarging; conflicts of interest, and conspiracy to commit any of these acts. Contractors must also ensure that their employees are aware that they may always report incidents or information directly to the Office of Inspector General (OIG).

(b) Display the OIG hotline telephone number in buildings and common areas such as cafeterias, public telephone areas, official bulletin boards, reception rooms, and building lobbies.

(c) Publish the OIG hotline telephone number in telephone books and newsletters under the contractors' cognizance.



(d) Ensure that their employees report to the OIG within a reasonable period of time, but not later than 24 hours after discovery, all alleged violations of law, regulations, or policy, including incidents of fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement, that have been referred to Federal, State, or local law enforcement entities.

(e) Ensure that their employees report to the OIG any allegations of reprisals taken against employees who have reported to the OIG fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement.

(f) Ensure that its managers do not retaliate against DOE contractor employees who report fraud, waste, abuse, misuse, corruption, criminal acts, or mismanagement

(g) Contractors must ensure that all their employees understand that they must:

(1) comply with requests for interviews and briefings and must provide affidavits or sworn statements, if so requested by an employee of the OIG so designated to take affidavits or sworn statements.

(2) not impede or hinder another employee's cooperation with the OIG.

(3) ensure that reprisals are not taken against DOE contractor employees who cooperate with or disclose information to the OIG or other lawful appropriate authority.

(h) The DOE IG hotline telephone number is 202-586-4073.

(End of clause)

**33. NNS-H-1011 ENVIRONMENT, HEALTH, AND SAFETY PLAN FOR ON-SITE WORK (Nov 2009)**

(a) In performance of the work at any DOE/NNSA site, the Contractor shall comply with all applicable federal and state environmental, health, and safety regulations and shall take all necessary and reasonable precautions to protect the environment, health, and safety of its employees, DOE/NNSA personnel, and members of the public. The Contractor shall participate in all emergency response drills and exercises while on a DOE/NNSA site.

(b) The Contractor shall take all necessary and reasonable steps to minimize the impact of its work on DOE/NNSA functions and employees, and immediately report all job-related injuries and/or illnesses which occur in any DOE/NNSA facility to the Contracting Officer Representative (COR) named in Part I, Section G of the contract.

(End of clause)

**34. NNS-H-1015 FOREIGN NATIONAL ACCESS TO NNSA FACILITIES (Jan 2011)**

(a) DOE Order 142.3A entitled Unclassified Foreign Visits and Assignments Program is incorporated into this contract by reference.

(b) The DOE Order is available on the internet at: <http://www.directives.doe.gov/> or by request to the Contracting Officer.

(End of clause)

**35. NNS-H-1016 PURCHASE OF AMERICAN-MADE EQUIPMENT AND PRODUCTS -- SENSE OF CONGRESS (Nov 2009)**

It is the sense of the Congress that, to the greatest extent practicable, all equipment and products purchased with funds made available under this award should be American-made.

(End of clause)

**36. NNS-H-1017 VIOLENCE IN THE WORKPLACE (Nov 2009)**

(a) Acts of aggression, violence (physical or verbal, intentional or reckless) and/or threats of such will not be tolerated in any situation at any NNSA facility. Contractors who engage in aggressive/violent behavior or threaten violence, among themselves or with Government employees, may be removed from the premises.

(b) Contractor supervisors or management representatives shall report any incident or threat of aggression, harassment, hostility, intimidation, or violence to the Contracting Officer or the COR. In all situations where violence has occurred or appears to be imminent, Contractor employees shall first call 911.

(End of clause)

DOCUMENT	PGS	DATE	TITLE
ATTACHMENT 1	5	01 JAN 2015	STATEMENT OF WORK
ATTACHMENT 2	37	01 JUL 2014	RATE SCHEDULE FOR WATER SERVICE AFTER 1 JULY 2014
ATTACHMENT 3	62	13 FEB 2001	RULES AND REGULATIONS GOVERNING WATER SERVICE TO CUSTOMERS
ATTACHMENT 4	2	14 FEB 2012	SAN FRANCISCO PUBLIC UTILITIES COMMISSION RATES POLICY
ATTACHMENT 5	8	01 MAY 2014	CONTRACT TERMS AND CONDITIONS - COMMERCIAL ITEMS
ATTACHMENT 6	1	08 MAR 1960	MOCHO SHAFT POINT OF DELIVERY SFPUC E-15737
ATTACHMENT 7	2	03 JAN 1994	LLNL S300 THOMAS SHAFT CONNECTION E-15731
ATTACHMENT 8	5	12 NOV 2014	PROPERTY TRANSFER AND GOVT RETENTION
ATTACHMENT 9	2	01 JUL 2014	HETCH HETCHY MOCHO TO LLNL S200 2005 DWG

# STATEMENT OF WORK (SOW)

Livermore Field Office

Primary Potable Water Service San Francisco Public Utilities Commission

DE-NA0002471

January 1, 2015

## **1.0 Introduction and Background**

The San Francisco Public Utilities Commission (SFPUC) is an enterprise department of the City and County of San Francisco. It is the governing body for potable water, and related services pursuant to the authority and provisions set forth by the San Francisco Charter (Section 8B.125) and the Water Supply Agreement with their wholesale customers. The Commission issues a rate schedule for Water, Power, and Sewer Services; the rules and regulations governing water service to customers; and the SFPUC rates policy. The San Francisco Commission governing body reviews the rates and fees and makes adjustments as necessary.

The SFPUC maintains and operates a complex water supply system stretching from Hetch Hetchy Reservoir in the Sierra Nevada Mountains to San Francisco and featuring a complex series of reservoirs, tunnels, pipelines, and treatment systems. The drinking water supplied is among the purest in the world. The system for delivering the water is almost entirely gravity fed requiring little, if any, fossil fuel consumption to move water from the mountains to customers.

SFPUC is also the third largest municipal utility in California serving approximately 2.6 million residential, commercial, and industrial customers in the San Francisco Bay Area. Two thirds of the wholesale water deliveries go to 26 suburban agencies in Alameda, Santa Clara, and San Mateo counties. The cost of providing utility service is covered by rate payer customers through service based rates, fees and charges, and non-operating revenues (i.e. land leases).

The Hetch-Hetchy watershed, an area located in Yosemite National Park, provides approximately 85% of San Francisco's total water needs. Spring snow-melt from the Tuolumne River fills the Hetch Hetchy reservoir, which is the largest reservoir in the SFPUC Regional Water System. The water is treated, but not filtered because of its high quality.

However, during drought periods, the SFPUC may be required to use water from the Cherry and Eleanor Reservoirs in place of the supply from the Hetch Hetchy Reservoir. The use of water from the Cherry and Eleanor Reservoirs requires filtration for potable use.

## **2.0 Requirement and Scope**

There is a current need for a reliable potable water supply to the DOE/NNSA Livermore Field Office located at 7000 East Avenue (Site 200 – Exhibit A and Site 300 – Exhibit B), Livermore, CA 94550-0808. Estimated usage requirements are listed in paragraph 4.0 of this SOW.

### 3.0 Deliverables

1. The SFPUC shall provide potable water services required by the Livermore Field Office, Livermore CA.
  
2. The SFPUC shall maintain and operate water collection, treatment, and facilities shown as the SFPUC’s responsibility in Attachment (8) for Site 300 (Thomas Shaft of Coast Range Tunnel) and in Attachment (6) for Site 200 (Mocho Shaft of Coast Range Tunnel).
  
3. The SFPUC Water Enterprise will invoice according to the current schedule of rates, and/or adjusted rates as periodically updated by the SFPUC. The invoice shall be submitted at regular monthly intervals with supporting documentation/information to validate the incurred charges. Invoicing shall include meter serial numbers, meter begin and end readings, and reflect the current rates as of the period of service indicated. Invoices should be submitted as indicated on page 30 of 35 of the contract under NNS-G-1001 entitled “Billing Instructions (Nov 2009) Alternate 1 (Nov 2009).

### 4.0 Estimated Water Usage in CCF Units for Contract Performance Period 1 January 2015 through 31 December 2024

#### ANNUAL CCF ESTIMATED USAGE AND COST FOR LIVERMORE FIELD OFFICE-LFO

YEAR	TOTAL AVERAGE USAGE CCF	METER NUMBER 31977472	METER NUMBER 31977468	THOMAS SHAFT METER NUMBER 0186941	ANNUAL AVERAGE TOTAL CCF USAGE
2015	147,049	220,317	203,451	17,378	441,146
2016	147,049	220,317	203,451	17,378	441,146
2017	147,049	220,317	203,451	17,378	441,146
2018	147,049	220,317	203,451	17,378	441,146
2019	147,049	220,317	203,451	17,378	441,146
2020	147,049	220,317	203,451	17,378	441,146
2021	147,049	220,317	203,451	17,378	441,146
2022	147,049	220,317	203,451	17,378	441,146
2023	147,049	220,317	203,451	17,378	441,146
2024	147,049	220,317	203,451	17,378	441,146
<b>TOTAL</b>	1,470,490	2,203,170	2,034,510	173,780	4,411,460
<b>VERIFIED TOTAL CCF</b>					4,411,460
<b>TOTAL CONTRACT AVERAGE COST @ \$6.77 PER CCF</b>					<b>\$29,865,584.00</b>

NOTES: 1. Totals include estimated usage with anticipated growth in future years.

2. It is estimated that 17,317 CCF for the Thomas Shaft will be required in future years beginning in 2015.
3. Annual water usage may vary depending on growth and conservation measures planned in future years.
4. Cost factors may vary and therefore total cost would vary.
5. Total estimated cost is at the average adopted rates by SFPUC.

## **5.0 Technical Requirements**

1. Water Services. The SFPUC shall provide all water services and furnish all labor, materials, tools, equipment, facilities, transportation, and incidentals necessary to provide potable water supply to the point(s) of delivery shown in Attachment (6) for Site 200 and in Attachment (8) for Site 300. DOE/NNSA shall provide all pumping energy for Site 200. The SFPUC shall provide all pumping energy for Site 300. Water service means traditional utility service, unless otherwise specified in the contract which includes supply, transmission, coordination, operation, maintenance, terminal storage, disinfection, and treatment.
2. Annual Rate. The current annual rate period begins July 1, 2014 for a five year period to be adjusted annually on July 1 of each year. Attachment (2) to the contract entitled "Schedule W-31: Commercial, Industrial, and General Uses within the City and County of San Francisco" contains the applicable rate schedule.
3. Meter Size. The meter size for the NNSA LFO is defined at 6 inches (three each) with a monthly cost per the current rate schedule. See Attachment (2) to the contract entitled "Rates Schedule for Water, Power, and Sewer Service". The meter numbers invoiced are: 31977468, 31977472, and 0186941.
4. Meter Reading, Billing, and Collection. All invoices are due upon receipt. See Section D of Attachment (3) to the contract entitled "Rules and Regulations Governing Water Service to Customers", Rules 1 through 6 (pages 19-21).
5. Meter Testing. See Section D of Attachment (3) of the contract entitled "Rules and Regulations Governing Water Service to Customers", Rules 7 and 8 (page 21).
6. Charge per 100 Cubic Feet. There is a charge for all water delivered based on monthly meter readings. See Attachment (2) to the contract entitled "Rates Schedule for Water, Power, and Sewer Service", page 4.
7. Scheduled Maintenance. Water supplied by SFPUC through the Coast Range Tunnel will, from time to time, require water supply interruption for scheduled maintenance. Periods of water supply interruption will normally not exceed 60 days. The SFPUC will provide at least six months advanced notification for all regularly scheduled maintenance periods. During any periods of water supply interruption, the secondary source of water supply with the Alameda County Flood Control and Water Conservation District will be required to be utilized by the LSO and/or LLNL until SFPUC has completed the required maintenance or repair.

8. Un-scheduled Maintenance or Repair. There may be times when there are unscheduled interruptions of water supply due to the age of the SFPUC's facilities and usually occur with little or no advanced notification. In these cases, the period of interruption may be extended as required for maintenance or repair. During any periods of water supply interruption, the secondary source of water supply with the Alameda County Flood Control and Water Conservation District will be required to be utilized by the LSO and/or LLNL until SFPUC has completed the required maintenance or repair.

9. Water Transfer during Planned and Unplanned Interruptions. The SFPUC will use reasonable efforts to transfer water to Zone 7 for service to Site 200 during planned or unplanned service interruptions involving the Coast Range Tunnel.

10. Electrical Facilities at Mocho Shaft. The configuration of the Government's electrical facilities at Mocho Shaft do not meet the California and National Electrical Codes and applicable electric safety orders of the California Occupational Safety and Health Administration. The configuration currently presents an ignition hazard due to the presence of methane gas in the Coast Range Tunnel. The Government agrees to make appropriate corrections and come into compliance no later than June 30, 2015.

11. Annual Cost. The estimated annual cost is \$2,986,558.40

12. Total Estimated Contract Cost. The estimated ten (10) year cost for the performance period of this contract is \$29,865,584.00, which includes an average of the overall estimated annual cost increase per available historical data and discussions with the San Francisco Public Utilities Commission.

13. Period of Performance. The ten year period of performance begins January 1, 2015 and ends December 31, 2024.

## **6.0 Permit for Access, Operation, and Maintenance**

A permit is granted by SFPUC to the Government, free of any rental or similar charge, for the purpose of (1) occupying and utilizing the roadway to Thomas Shaft for access, operation, and maintenance of a ten (10) inch pipe running below grade about 1.54 miles from the point of delivery at the Thomas Shaft Chlorination Facility to Site 300; (2) access to electrical panels G1 and G4 at the Thomas Shaft utility enclosure shown in Attachment (7), and on pages 4 and 5 of Attachment (8); occupying and utilizing the roadway to Mocho Shaft for access, operation and maintenance of a sixteen (16) inch pipe that runs below grade approximately 6.1 miles from the point of delivery at Mocho Shaft to Mines Road and the Government owned facilities as shown in Attachment (6) (collectively known as "the Permit Areas").

The Permit Areas are granted by SFPUC subject to the following conditions:

(1) The grant of permission does not constitute a deed or grant of an easement, and is not transferable or assignable.

(2) The permit may be revoked by the SFPUC in the event of :

- (a) the termination of the contract and for a reasonable time thereafter sufficient for the removal by the Government of its facilities; or
- (b) a material breach of this agreement by the Government as determined by a court of law or administrative agency.
- (3) The use of the Permit Areas by the Government are limited solely to the purpose of the permit as defined in the first paragraph of this Section 6.0, and no additional structures or facilities are allowed unless expressly permitted by the SFPUC following the SFPUC's review and approval of plans and necessary environmental documentation prepared by the Government.
- (4) Use of the Permit Areas shall be subject to the SFPUC's primary rights to use the Permit Areas as fee owner, and in the event of a conflict between use of the Permit Areas by the SFPUC for utility purposes and the Government, the Government shall be required to relocate its facilities in the Permit Areas at its sole expense.
- (5) The Government shall maintain the Permit Areas in good and presentable condition.
- (6) In the event that maintenance or removal of either of the Government's pipelines within the Permit Areas is required, the Government, at its expense, including associated cost incurred by the Contractor, shall restore the Permit Areas to its original condition, in accordance with applicable laws, and to the reasonable satisfaction of the SFPUC.



EXHIBIT A  
DE-NA0002471

Lawrence Livermore National Laboratory-Site 200  
Exhibit E to Contract DE-AC03-76SF16828  
1 Sandia National Laboratory

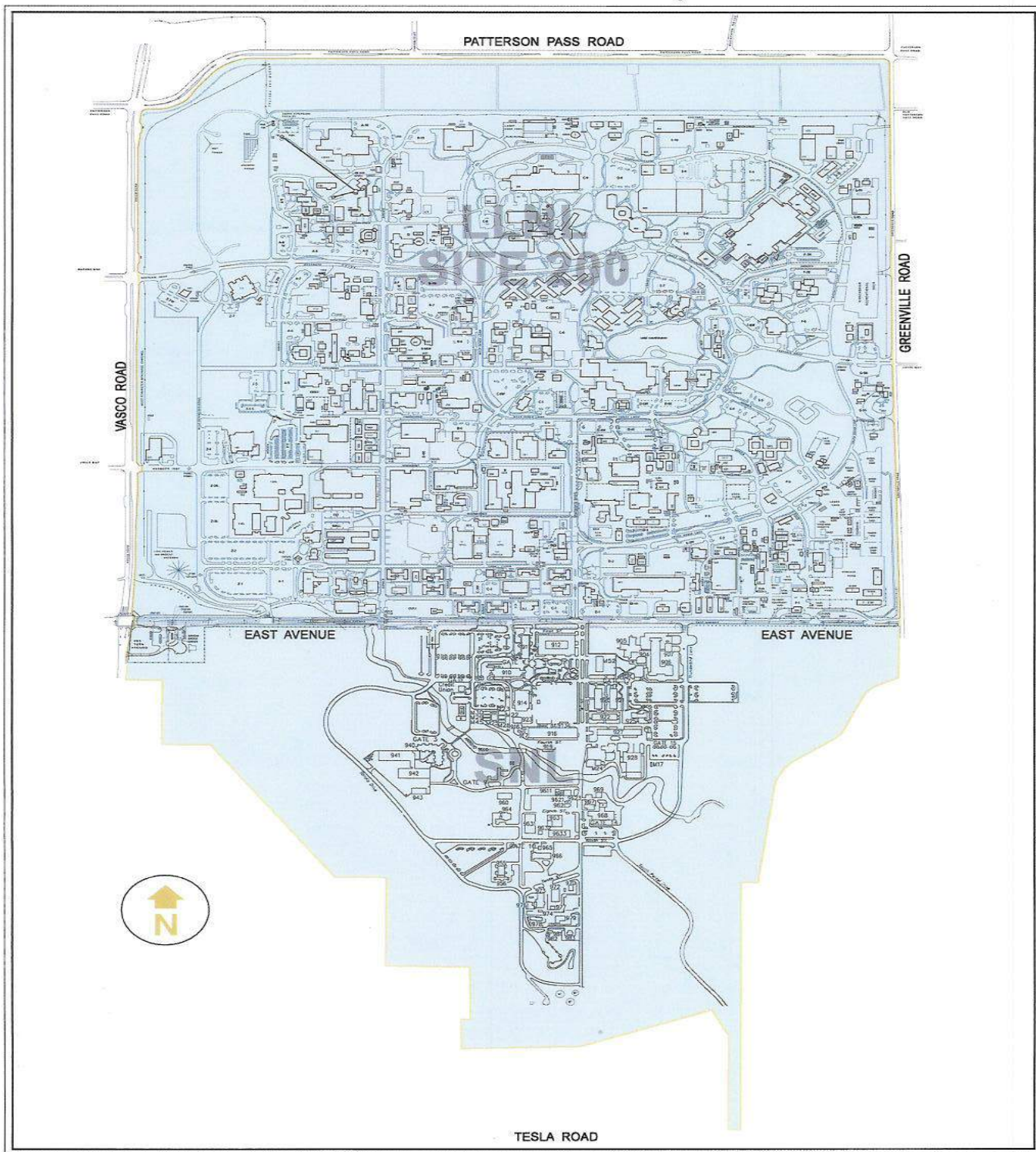


EXHIBIT B  
DE-NA0002471

Exhibit E to Contract DE-AC03-76SF-6628 Lawrence Livermore National Laboratory-Site 300

