

REQUEST FOR QUOTATIONS <i>(THIS IS NOT AN ORDER)</i>		THIS RFQ <input checked="" type="checkbox"/> IS <input type="checkbox"/> IS NOT A SMALL BUSINESS SET-ASIDE			PAGE 1 OF 51 PAGES	
1. REQUEST NO. N40085-15-Q-7532	2. DATE ISSUED 12-Mar-2015	3. REQUISITION/PURCHASE REQUEST NO.	4. CERT. FOR NAT. DEF. UNDER BDSA REG. 2 AND/OR DMS REG. 1	RATING DO-C3		
5a. ISSUED BY NAVFAC MID ATLANTIC PWD PENNSYLVANIA MECHANICSBURG SITE 5450 CARLISLE PIKE BLDG 305 MECHANICSBURG PA 17055-0788			6. DELIVER BY (Date) SEE SCHEDULE			
5b. FOR INFORMATION CALL: (Name and Telephone no.)(No collect calls) AARON KOUMARAS 215-897-6087			7. DELIVERY <input checked="" type="checkbox"/> FOB DESTINATION <input type="checkbox"/> OTHER (See Schedule)			
8. TO: NAME AND ADDRESS, INCLUDING ZIP CODE			9. DESTINATION (Consignee and address, including ZIP Code) NAVFAC MID ATLANTIC ROGER SUMMY 5455 CARLISLE PIKE BLDG 305F MECHANICSBURG PA 17050-2457 TEL: 717-605-6611 FAX:			
10. PLEASE FURNISH QUOTATIONS TO THE ISSUING OFFICE IN BLOCK 5a ON OR BEFORE CLOSE OF BUSINESS: (Date) 13-Mar-2015						
IMPORTANT: This is a request for information, and quotations furnished are not offers. If you are unable to quote, please so indicate on this form and return it to the address in Block 5a. This request does not commit the Government to pay any costs incurred in the preparation of the submission of this quotation or to contract for supplies or services. Supplies are of domestic origin unless otherwise indicated by quoter. Any representations and/or certifications attached to this Request for Quotations must be completed by the quoter.						
11. SCHEDULE (Include applicable Federal, State, and local taxes)						
ITEM NO. (a)	SUPPLIES/ SERVICES (b)		QUANTITY (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)
SEE SCHEDULE						
12. DISCOUNT FOR PROMPT PAYMENT	a. 10 CALENDAR DAYS	b. 20 CALENDAR DAYS	c. 30 CALENDAR DAYS	d. CALENDAR DAYS		
	%	%	%	No. %		
NOTE: Additional provisions and representations <input type="checkbox"/> are <input type="checkbox"/> are not attached.						
13. NAME AND ADDRESS OF QUOTER (Street, City, County, State, and ZIP Code)			14. SIGNATURE OF PERSON AUTHORIZED TO SIGN QUOTATION		15. DATE OF QUOTATION	
			16. NAME AND TITLE OF SIGNER (Type or print)		TELEPHONE NO. (Include area code)	

Section A - Solicitation/Contract Form

CONTRACT INFORMATION

THIS CONTRACT SHALL BE FIRM FIXED PRICE SERVICE PROCUREMENT AND IN ACCORDANCE WITH THE SIMPLIFIED ACQUISITION PROCEDURES AUTHORIZED BY FAR PART 13.

THIS EFFORT WILL BE PROCURED AS IS 100% SMALL BUSINESS UNDER NAICS 238210; WITH A SIZE STANDARD OF \$15,000,000.00.

SERVICE CONTRACT AGE WAGE DETERMINATION WHICH WILL APPLY TO RESULTING CONTRACT IS: Wage Determination No.: 2005-2449, Revision No.: 15. THE WAGE DETERMINATION WILL BE IN EFFECT AT TIME OF AWARD THROUGH THE COMPLETION OF THE PROJECT.

THE REQUEST FOR QUOTE (RFQ) IS DUE ON OR BEFORE **13 APRIL 2014 AT 3:00PM EASTERN STANDARD TIME**. THE PROPOSAL MAY BE MAILED (HARD COPY) AND/OR HAND CARRIED TO: NAVFAC MIDLANT PWD PA, 4921 S. BROAD ST., BLDG 1, 2nd FLOOR, ATTN: AARON KOUMARAS - CONTRACTS, PHILADELPHIA, PA 19112.

NOTE: NO ELECTRONIC PROPOSALS (I.E. EMAILED OR FAXED) WILL BE ACCEPTED.

In accordance with the terms of the Solicitation, the Offeror agrees that if this offer is accepted within 120 calendar days from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the set opposite each item, delivered at the designated point(s), within the time specified in the schedule.

Offerors are cautioned that if they choose to send their proposal by commercial carrier, they are responsible for ensuring that the carrier delivers to the proper place. Some carriers will not deliver if they cannot get a signature and this policy may ultimately hamper timely delivery. Take all necessary precautions to ensure timely delivery at the place specified and the date and time specified.

SEE FAR "5252.237-9302 SITE VISIT" FOR SITE VISIT INFORMATION.

NOTE: REMARKS AND EXPLANATIONS ADDRESSED SHALL NOT BE DEEMED OR CONSTRUED TO CONSTITUTE ANY REPRESENTATION OR WARRANTY BY THE DOD, OR A LEGALLY BINDING AGREEMENT, CONTRACT OR COMMITMENT BETWEEN THE DOD AND ANY OTHER PARTY, OR ALTER THE TERMS AND CONDITIONS OF THE SOLICITATION.

ALL OFFERORS SHALL HAVE A CURRENT REGISTRATION IN THE SYSTEM FOR AWARD MANAGEMENT (SAM) [HTTPS://WWW.SAM.GOV/PORTAL/PUBLIC/SAM](https://www.sam.gov/portal/public/sam) AND POSSESS A CURRENT DUNS NUMBER. NO AWARD SHALL BE MADE TO ANY OFFEROR WHO DOES NOT MEET THESE REQUIREMENTS.

Contractors are encouraged to register as an Interested Vendor on the Navy Electronic Commerce Online, www.neco.navy.mil, with the specific solicitation of interest. It is the contractor's responsibility to check the NECO website, www.neco.navy.mil, for all amendments to the subject solicitation.

PROJECT LOCATION: Naval Support Activity (NSA) Mechanicsburg, PA.

GOVERNMENT POINTS OF CONTACT FOR THIS PROJECT ARE:

Contract Specialist

Mr. Aaron Koumaras, (215) 897-6087; Email: aaron.koumaras@navy.mil

NOTE: ALL TECHNICAL INQUIRIES SHALL BE ADDRESSED TO AARON KOUMARAS AT THE ABOVE EMAIL ADDRESS, PLEASE ATTACH ALL INQUIRIES AS WORD DOCUMENTS. *See 5252.237-9302 SITE*

VISIT (JUL 1995) for instructions.

Contracting Officer

Ms. Esther Edinborough (215) 897-2323; Email: esther.edinborough@navy.mil

CLAUSES INCORPORATED BY FULL TEXT

52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (OCT 2014)

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

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

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(b)(1) The North American Industry Classification System (NAICS) code for this acquisition is 238210.

(2) The small business size standard is \$15,000,000.00.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(c) Representations. (1) The offeror represents as part of its offer that it [___] is, [___] is not a small business concern. (2) [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it [___] is, [___] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

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

(4) Women-owned small business (WOSB) concern eligible under the WOSB Program. [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(3) of this provision.] The offeror represents as part of its offer that--

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

(ii) It [___] is, [___] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(4)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture: ___ --.] Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(5) Economically disadvantaged women-owned small business (EDWOSB) concern. [Complete only if the offeror represented itself as a women-owned small business concern eligible under the WOSB Program in (c)(4) of this provision.] The offeror represents as part of its offer that--

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

(ii) It [___] is, [___] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(5)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture: ___ --.] Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

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

(7) [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(6) of this provision.] The offeror represents as part of its offer that it [___] is, [___] is not a service-disabled veteran-owned small business concern.

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

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

(ii) It [___] is, [___] is not a HUBZone joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (c)(8)(i) of this provision is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [The offeror shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: ___ --.] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a business concern that is small, HUBZone small, small disadvantaged, service-disabled veteran-owned small, economically disadvantaged women-owned small, or women-owned small eligible under the WOSB Program in order to obtain a contract to be awarded under the preference programs established pursuant to section 8, 9, 15, 31, and 36 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall—

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

52.219-6 NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE (NOV 2011)

(a) Definition.

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

(b) Applicability. This clause applies only to--

(1) Contracts that have been totally set aside or reserved for small business concerns; and

(2) Orders set aside for small business concerns under multiple-award contracts as described in 8.405-5 and 16.505(b)(2)(i)(F).

(c) General. (1) Offers are solicited only from small business concerns. Offers received from concerns that are not small business concerns shall be considered nonresponsive and will be rejected.

(2) Any award resulting from this solicitation will be made to a small business concern.

(d) Agreement. A small business concern submitting an offer in its own name shall furnish, in performing the contract, only end items manufactured or produced by small business concerns in the United States or its outlying areas. If this procurement is processed under simplified **acquisition** procedures and the total amount of this contract does not exceed \$25,000, a small business concern may furnish the product of any domestic firm. This paragraph does not apply to construction or service contracts.

(End of clause)

Section B - Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	MAINTENANCE OF SUBSTATIONS, NSA MECH FFP	1	Dollars, U.S.		
	The contractor shall provide all labor, supplies, supervision, materials, equipment, and transportation unless otherwise specified herein, required to provide for the Maintenance of 3 High Voltage Sub-Stations at Naval Support Activity, Mechanicsburg, PA Refer to Section C for further information. FOB: Destination				

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Section C - Descriptions and Specifications

STATEMENT OF WORK**E-PROJECTS NUMBER: 1357448****CONTRACT NUMBER: N40085-15-Q-7532**SPECIFICATIONS AND CONDITIONSSECTION 1: GENERAL**1.1 GENERAL DESCRIPTION:**

- a. The contractor shall provide all labor, material and equipment to perform the requirements described in this specification.
- b. The contractor shall provide all labor, supplies, supervision, materials, equipment, and transportation unless otherwise specified herein, required for the:
 - 1) Cleaning and calibration of sixty-eight (68) relays in accordance with **Attachment 4, Section 2.**
 - 2) Inspection, Cleaning and testing of twenty three (23) air and vacuum insulated circuit breakers in accordance with **Attachment 4, Sections 3 & 4.**
 - 3) Inspection and cleaning of forty-six (46) substation equipment cubicles in accordance with **Attachment 4, Section 5.**
 - 4) Inspection and testing of four (4) battery banks and chargers in accordance with **Attachment 4, Section 6.**
 - 5) Sampling and testing of four (4) transformers' insulating oil in accordance with **Attachment 4, Section 7.**
 - 6) Provide power dissipation factor testing of four (4) transformers and twelve (12) lightning arrestors in the main substation. Testing to be performed on the following:
 - (a) One (1) 15000/20000 KVA Transformer (Oil Filled)
 - (b) Two (2) 3750/5000 KVA Transformers (Oil Filled)
 - (c) One (1) 7500/9375 KVA Transformer (Oil Filled)
 Testing is to be performed using approved Doble, AVO or similar equipment. A full report of the findings shall be provided to the Contracting Officer for submittal to the Utilities foreman.
 - 7) Preparation of inspection reports in accordance with **Attachment 4, Sections 2 through 10.**
 - 8) Miscellaneous equipment repair, cleaning and lubrication as required in accordance with **Attachment 4, Section 8.**
- c. All System interruptions to be coordinated with base Fire Dept., security and Public Works Department in accordance with **Attachment 4, Section 1.**

1.2 LOCATION: NSA, Mechanicsburg PA various locations. A representative of the Officer in Charge, NAVFAC Contracts, will indicate the exact location.

1.3 TIME OF COMPLETION: Work shall be prosecuted diligently and shall be completed for use no later than 90 days after contract award. The time stated for completion shall include final clean up of the premises. Contractor is required to furnish proof of any cause for delay and must request an extension of the completion date in writing through the Contracting Officer.

1.4 GOVERNMENT POINT OF CONTACT: The Government Quality Assurance Representative, Roger Summy, who is a representative of the Officer in Charge, NAVFAC Contracts, will be the Government's representative. All scheduling and coordination will be through the Quality Assurance Representative.

1.5 PAYMENT: Will be made in one lump sum after completion and acceptance of the work by the Government Quality Assurance Inspector.

1.6 GOVERNMENT FURNISHED MATERIALS/UTILITIES: The Government will furnish the following utility services at existing outlets, for use as may be required for the work to be performed under the contract: electricity and fresh water. Information concerning the location of existing outlets may be obtained from the Contracting Officer. The Contractor shall provide and maintain, at his/her expense, the necessary service lines from existing Government outlets to the site of the work.

Utilities specified above will be furnished at no cost to the Contractor. In the event that the Government is unable to provide the required types of utilities, the Contractor shall, at his/her expense, arrange for the required utilities.

1.6.1 If required the Contractor shall work with Public Works (electricians) to verify all electrical circuits have been De-Energized, and that all Lock-out / Tag-out procedures are adhered too before beginning any electrical work (if required).

1.7 PROSECUTION OF WORK: Work shall be performed primarily Monday thru Friday during normal duty hours from 0630-1800 Monday thru Friday. Work that needs to be performed during non-duty hours shall be authorized at least 5 Days in advance by the Officer –in-Charge, NAVFAC Contracts.

1.8 CONTRACTOR'S PRODUCTION REPORT: The Contractor is required to submit a "Contractor Production Report" (attachment # 2) on the form furnished by the Quality Assurance Representative for this purpose. The form shall be completed daily and be provided to the Quality Assurance Representative, or delivered to the Office of NAVFAC Contracts, by 10:00 AM the following day. Reports may be faxed to 717-605-3792.

1.9 CLEAN-UP OF SITE: Shall be performed on a daily basis. The Contractor shall remove all debris generated by the work off station. Contractors are not permitted to use Government dumpsters or other Contractor dumpsters for disposal of debris.

1.10 HOT WORK: A hot work permit is required as needed. A permit may be obtained through the Government inspector with 48 hours prior notice. Hot work in electrical or mechanical room space will require a gas-free test prior to the Government fire inspector granting approval. In accordance with the Government fire inspector's requirements, the Contractor must perform this test daily. The Government fire inspector shall approve the instrument used.

1.11 DUST CONTROL: The amount of dust resulting from performance of this specification shall be controlled to prevent the spread of dust to occupied portions of the site and to avoid creation of a nuisance in the surrounding area. Use of water will not be permitted when it will result in, or create, hazardous or objectionable conditions such as ice, flooding and pollution.

1.12 SUBMITTALS:

The Contractor shall submit the following within 10 days after award:

1.12.1 Activity Hazard Analysis in accordance with EM 385-1-1. See Attachment 1 for blank form and sample. See paragraph 3.6.2 for additional information.

1.12.2 Machinery and Mobile Equipment Checklist in accordance with paragraph 3.6.1.11(if applicable).

1.12.3 Work schedule

Submittals will be approved by the OIC, NAVFAC Contracts or his representative prior to the start of work.

1.13 SITE VISIT: Contact the Government Quality Assurance Representative to arrange a site visit if one has not already been scheduled. Contractor shall verify all conditions, dimensions and methods at site.

1.15 LIST OF ATTACHMENTS:

- 1.15.1 Attachment 1: Activity Hazard Analysis.
- 1.15.2 Attachment 2: Contractor Production Report
- 1.15.3 Attachment 3: List of Equipment
- 1.15.4 Attachment 4: Contract Technical Requirements
- 1.15.5 Attachment 5: Contractor Quality Control Report
- 1.15.6 Attachment 6: Sample Relay Test-Calibration Report Form
- 1.15.7 Attachment 7: Sample Circuit Breaker Test Report
- 1.15.8 Attachment 8: Sample Battery Test Report
- 1.15.9 Attachment 9: Sample Transformer Oil Analysis Test Report

1.16 PERSONNEL: The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to Service and Test High Voltage Substations in accordance with Attachment 4, Section 1.

SECTION 2: DETAILED DESCRIPTION: The Contractor shall provide all labor, tools, equipment, supplies and supervision needed to perform the following work safely:

2.1. Contractor shall perform High Voltage Substation Maintenance at 3 Substations located at NSA Mechanicsburg IAW Attachment 4 – Contract Technical Requirements.

2.2 When finished the Contractor shall properly disposal of all debris generated during work and shall adhere to all state and federal laws, as well as Department of Defense and Department of Navy, and station regulations.

SECTION 3: ADMINISTRATIVE AND SAFETY REQUIREMENTS

3.1 Directives: The Contractor and his employees shall comply with all referenced regulations, directives, and instructions. Applicable Department of Defense (DOD), Secretary of the Navy (SECNAV), Chief of Naval Operations (OPNAV), and other directives, instructions, and regulations are available from the Contracting Officer.

3.2 Station Regulations:

3.2.1 The Contractor and his employees shall become acquainted with and obey all Government regulations as posted, or as requested by the Contracting Officer.

3.2.2 The Contractor shall participate actively in the activity energy conservation program. The Contractor shall comply with the base energy conservation program and shall become familiar with its requirements. The Contractor superintendent shall represent the Contractor's interests at all meetings of the activity's Energy Conservation and Resource Management Committee. Use of high energy consuming tools or equipment shall be approved by the Contracting Officer prior to use.

3.3 Fire Protection: The Contractor and his employees shall know where fire alarms are located and how to turn them on. The Contractor shall handle and store all combustible supplies, materials, waste and trash in a manner that prevents fire or hazards to persons, facilities, and materials. Contractor employees operating critical equipment shall be trained to properly respond during a fire alarm or fire in accordance with activity instructions.

3.4 Environmental Protection: The Contractor shall comply with all federal, state and local environmental protection laws and the regulations and standards. The Contractor shall coordinate all environmental protection matters with the Contracting Officer. The Activity Environmental Protection Coordinator or other authorized officials may inspect any of the facilities operated or maintained by the Contractor at any time and without prior notice. If a regulatory agency assesses a monetary fine against the Government for violations resulting from Contractor actions, the Contractor shall reimburse the Government for the amount of the fine and related costs. The Contractor shall clean up any oil or chemical spills resulting from his operations at his own expense. The Contractor shall not create a nuisance or hazard to the health of military or civilian personnel.

3.5 Disposal: Debris, rubbish, non-hazardous waste and non-usable material resulting from the work under this contract shall be disposed of by the Contractor at his expense off Government property, unless otherwise directed. In either case, the Contractor must dispose of all hazardous waste in accordance with all applicable environmental law, including but not limited to, the Resource Conservation and Recovery Act and its associated state and local regulations. **Prior to disposal of any hazardous waste, the Contractor shall obtain approval from the Contracting Officer.**

3.5.1 Debris shall be removed and transported in such a manner that prevents spillage on streets or adjacent areas. Local regulations regarding hauling and disposal shall apply.

3.5.2 Submit a report with invoice that includes the following:

- a. Amount (by weight) and type of waste materials disposed of in a landfill or incinerator. Provide destination and the tip fee per ton.
- b. Amount (by weight) and type of materials salvaged for sale, salvaged for reuse, and recycled. Provide destination and revenue generated for each material.

3.6 Safety Requirements and Reports:

3.6.1 All work shall be conducted in a safe manner and shall comply with all requirements of the U. S. Army Corps of Engineers Safety and Health Requirements Manual, EM-385-1-1. The Contractor shall be responsible for instructing his employees in appropriate safety measures and shall not permit them to place machines and other equipment in traffic lanes or other locations in such a manner as to create safety hazards. The Contractor shall employ a competent person as defined in EM-385-1-1 to function as the Site Safety and Health Officer (SSHO). The following paragraphs denote minimum safety requirements. Contractor shall consult EM-385-1-1 for additional information or any safety issues not discussed in this specification.

3.6.1.1 Personal Protective Equipment minimum requirements:

- a. Head protection All persons working in or visiting hard-hat areas shall be provided with and required to wear Type I or Type II, Class G meeting the requirements of ANSI Z89.1
Hard hat areas are those areas with potential hazard of head injury; note all construction areas are considered hard-hat areas.
- b. Employees shall wear clothing suitable for the weather and work conditions: the minimum for construction sites shall be short sleeve shirt, long pants (excessively long or baggy pants are prohibited)
- c. Protective footwear, safety –toed boots meeting ANSI Z41 while working on construction sites
- d. Eye and Face protection –all eye and face protection shall meet the requirements of ANSI/ASSE Z87.1, employees shall use eye protection side protection.

3.6.1.2 Emergency Medical Treatment: Contractor shall arrange for their own emergency medical treatment. The Government has no responsibility to provide emergency medical treatment.

3.6.1.3 Use of hand and power tools: Hand and power tools shall be of a manufacturer listed by a nationally recognized testing laboratory for the specific application for which they are to be used.

- a. Hand and power tools shall be used, inspected, and maintained in accordance with the manufacturer's instructions and recommendations and shall be used only for the purpose for which designed.
- b. Hand and power tools shall be inspected, tested, and determined to be in safe operating condition before use. Continued periodic inspections shall be made to assure safe operating condition and proper maintenance.

- c. Hand and power tools shall be in good repair and with all required safety devices installed and properly adjusted. Tools having defects that will impair their strength or render them unsafe shall be removed from service.
- d. Loose and frayed clothing, loose long hair and dangling jewelry (including dangling earrings, chains and wrist watches) shall not be worn while working with any power tools.

Guarding – Power tools designed to accommodate guards shall be equipped with such guards:

- a. All guards must be functional.
- b. Reciprocating, rotating, and moving parts of equipment shall be guarded if exposed to contact by employees or otherwise create a hazard.

3.6.1.4 Portable Extension Cords: Portable extension cords shall be sized in accordance with manufacturer ratings for the tool to be used and shall be protected from damage. All damaged extension cords shall be immediately removed from service. Portable extension cords shall meet the requirements of NFPA 70.

3.6.1.5 Ladders: All portable ladders shall be of sufficient length and shall be placed so that workers will not stretch or assume a hazardous position. The top or top step of a stepladder shall not be used as a step unless it has been designed to be so used by the manufacturer. Ladders may be used as work platforms only when use of small hand tools or handling of light material is involved.

3.6.1.6 Lockout/Tag out: Coordinate all control activities with the Designated Government Representative. Apply, monitor and remove proper lockout and tag out devices.

3.6.1.7 Sanitation Requirements: Provide drinking water and toilets as needed for personnel.

3.6.1.8 Fire protection: Provide adequate fire protection equipment at the work site to guard against potential fires.

3.6.1.10 Fuel-powered tools: When fuel-powered tools are used they will not be fueled while running, while hot, or near an open flame.

3.6.1.11 Machinery and mobile equipment: The Contractor shall complete the Machinery and Mobile equipment checklist (if applicable) for any mobile equipment that will be used on site.

3.6.1.12 Excavation: All digging requires the Contractor to contact PENNSYLVANIA ONE CALL at 1-800-242-1776 or (www.paonecall.org) before digging.

3.6.1.13 Confined Space: For Confined Space areas follow procedures outlined in Section 34 of EM-385-1-1. Contractor, Government Representative, and Public Works personnel shall work together and ensure lift stations are tested and certified gas free each day before starting any work near the station or its equipment.

3.6.2 Activity Hazard Analysis:

The principle purpose of an Activity Hazard Analysis (AHA) is to reduce the overall risk of the hazards associated with construction work. An AHA will be developed by the Contractor for every operation involving a type of work presenting hazards not experienced in previous project operations or where a new work crew or subcontractor is to perform work.

The analysis must identify and evaluate hazards and outline the proposed methods and techniques for the safe completion of each phase of work. At a minimum, define activity being performed (can use the Definable Features of Work). A Definable Feature of Work (DFOW) is a task, which is separate and distinct from other tasks, has the same control requirements and work crews, sequence of work, specific safety and health hazards anticipated (slip or trips, cuts, dust or chips in eyes), control measures (to include personal protective equipment) to eliminate or reduce each hazard to acceptable levels, equipment to be used (hand tools, backhoe), inspection requirements (list the

inspection requirements for the activity to ensure the controls are working, and equipment is inspected to ensure proper operation), training requirements for all involved (any unique training required to make the established controls work) and the competent person in charge of that phase of work.

The AHA shall be continuously reviewed and, when appropriate, modified to address changing site conditions or operations. The analysis should be used during daily inspections to ensure the implementation and effectiveness of the activity's safety and health controls. Activity hazard analysis shall be updated as necessary to provide an effective response to changing work conditions and activities.

3.6.3 Accident Reports and Notifications:

3.6.3.1 Accident reports: For recordable injuries and illnesses, and property damage accidents resulting in a least \$2,000 in damages, the prime Contractor shall conduct an accident investigation to establish the root cause of the accident, complete the Navy Contractor Significant Incident Report (CSIR) and provide the report to the Contracting Officer within five calendar days of the accident. The Contracting Officer will provide copies of any required or special forms.

3.6.3.2 Accident Notification: Notify the Contracting Officer as soon as practical, but not later than four hours after any accident meeting the definition of recordable injuries or illnesses or high visibility accidents, property damage equal to or greater than \$2,000. Information shall include Contractor name, contract title, type of contract, name of activity, installation or location where accident occurred, date and time of accident, names of personnel injured, extent of property damage (if any), extent of injury (if known) and brief description of accident (to include type of construction equipment used, PPE used, etc.). Preserve the conditions and evidence on the accident site until the Government investigation team arrives on site and Government investigation is conducted.

3.6.3.3 Definition of a recordable injury or illness: Any work related injury or illness that results in:

- a. Death, regardless of the time between the injury and death, or the length of the illness;
- b. Days away from work;
- c. Restricted work;
- d. Transfer to another job;
- e. Medical treatment beyond first aid;
- f. Lose of consciousness;
- g. A significant injury or illness diagnosed by a physician or other licensed health care professional, even if it did not result in a. through f. above.

3.6.4 Monthly Exposure Report: This report is a compilation of employee-hours worked each month for all site workers, both prime and subcontractors, and is recorded daily on the Contractor Production Report.

3.6.5 The Contractor's work space may be inspected periodically for OSHA and Navy violations. Abatement of violations will be the responsibility of the Contractor and/or the Government as determined by the Contracting Officer. The Contractor shall provide assistance to the Safety Office escort and the federal or state OSHA inspector if a complaint is filed. Any fines levied on the Contractor by federal or state OSHA offices due to safety/health violations shall be paid promptly.

3.6.6 If the Contractor fails or refuses to promptly comply with safety requirements, the Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to any such stop order shall be made the subject of claim for extension of time or for excess costs or damages to the Contractor.

3.6.7 The Safety Office will investigate all complaints of unsafe or unhealthful working conditions received from Contractor's employees, federal civilian employees, or military personnel. The Safety Office will notify the Contracting Officer of the results of such investigations.

3.7 Passes and Badges: All Contractor employees shall obtain the required employee and vehicle passes. Obtain access to the installation by participating in the Navy Commercial Access Control System (NCACS) or by obtaining passes each day from the Base Pass and Identification Office. Costs for obtaining passes through the NCACS are the responsibility of the Contractor. One-day passes, issued through the Base Pass and Identification Office, will be furnished without charge.

Furnish a completed EMPLOYMENT ELIGIBILITY VERIFICATION (DHS FORM I-9) form for all personnel requesting badges. This form is available at <http://www.uscis.gov/portal/site/uscis> by searching or selecting Employment Verification (Form I-9). Immediately report instances of lost or stolen badges to the Contracting Officer.

a. **NCACS Program:** NCACS is a voluntary program in which Contractor personnel who enroll, and are approved, are subsequently granted access to the installation for a period up to one year, or the length of the current contract period, whichever is less, and are not required to obtain a new pass from the Base Pass and Identification Office for each visit. The Government performs background screening and credentialing. Throughout the year, the Contractor employee must continue to meet background-screening standards. Periodic background screenings are conducted to verify continued NCACS participation and installation access privileges. Under the NCACS program, no commercial vehicle inspection is required, other than for Random Anti-Terrorism Measures (RAM) or in the case of an elevation of Force Protection Conditions (FPCON). Information on costs and requirements to participate and enroll in NCACS is available at <http://www.rapidgate.com/vendors/how-to-enroll> or by calling 1-877-727-4342. Contractors should be aware that the costs incurred to obtain NCACS credentials, or costs related to any means of access to a Navy Installation, are not reimbursable. Any time invested, or price(s) paid, for obtaining NCACS credentials will not be compensated in any way or approved as a direct cost of any contract with the Department of the Navy.

b. **One-Day Passes:** Participation in the NCACS is not mandatory, and if the Contractor chooses to not participate, the Contractor's personnel will have to obtain daily passes, be subject to daily mandatory vehicle inspection, and will have limited access to the installation. The Government will not be responsible for any cost or lost time associated with obtaining daily passes or added vehicle inspections incurred by non-participants in the NCACS.

The Contractor shall, prior to the start of the contract, submit to the Contracting Officer an estimate of the number of personnel expected to be utilized at any one time on the contract. The Government will issue badges without charge. Each employee shall wear the Government issued badge over the front of the outer clothing. When an employee leaves the Contractor's service, the employee's pass and badge shall be returned within three calendar days. Passes and badges issued to Contractor employees shall not negate the requirement for employee identification required in the "IDENTIFICATION OF CONTRACTOR EMPLOYEES" paragraph.

3.8 Identification of Contractor Employees:

3.8.1 The Contractor shall provide to the Contracting Officer the name or names of the responsible supervisory person or persons authorized to act for the Contractor.

3.8.2 The Contractor shall furnish sufficient personnel to perform all work specified within the contract.

3.8.3 Contractor employees shall conduct themselves in a proper, efficient, courteous and businesslike manner.

3.8.4 The Contractor shall remove from the site any individual whose continued employment is deemed by the Contracting Officer to be contrary to the public interest or inconsistent with the best interests of National Security.

3.8.5 No employee or representative of the Contractor will be admitted to the site of work unless he furnishes satisfactory proof that he is a citizen of the United States.

3.8.6 All Contractor/subcontractor employees working under this contract shall be identified by a distinctive name plate, emblem, or patch attached in a prominent place on an outer garment. Employee identification shall not be substituted for station required passes or badges.

3.9 Identification of Contractor Vehicles: The company name shall be displayed on each of the Contractor's vehicles in a manner and size that is clearly visible. All vehicles shall display a valid state license plate and safety inspection sticker, if applicable, and shall be maintained in good repair.

3.10 Proof of Citizenship: No employee or representative of the Contractor will be admitted to the site of work unless satisfactory proof of citizenship is furnished, or, if an alien, legal residency within the United States is confirmed.

3.11 Permits: The Contractor shall, without additional expense to the Government, obtain all appointments, licenses, and permits required for the prosecution of the work. The Contractor shall comply with all applicable federal, state, and local laws. Evidence of such permits and licenses shall be provided to the Contracting Officer before work commences.

3.12 Environmental Management System Awareness Training: The Superintendent/QC Manager is responsible for environmental compliance on projects unless an Environmental Manager is named. The Superintendent/QC Manager (and alternate QC Manager) or Environmental Manager shall complete ECATTS training prior to starting respective portions of on-site work under this contract. If personnel changes occur for any of these positions after starting work, replacement personnel shall complete ECATTS training with 14 days of assignment to the project.

Submit an ECATTS certificate of completion for personnel who have completed the required "Environmental Compliance Assessment Training and Tracking System (ECATTS)" training. This training is web-based and can be accessed from any computer with Internet access using the following instructions.

Register for NAVFAC Environmental Compliance Assessment Training and Tracking System, by logging on to <http://navfac.ecatts.com/>. Obtain the password for registration from the Contracting Officer.

This training has been structured to allow contractor personnel to receive credit under this contract and also to carry forward credit to future contracts. Contractors shall ensure that the Superintendent/QC Manager (and alternate QC Manager) or Environmental Manager review their training plans for new modules or updated training requirements prior to beginning work. Some training modules are tailored for specific State regulatory requirements; therefore, Contractors working in multiple states will be required to re-take modules tailored to the state where the contract work is being performed.

ECATSS is available for use by all contractor and subcontractor personnel associated with this project. These other personnel are encouraged (but not required) to take the training and may do so at their discretion.

Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	Government

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252.246-7000 MATERIAL INSPECTION AND RECEIVING REPORT (MAR 2008)

(a) At the time of each delivery of supplies or services under this contract, the Contractor shall prepare and furnish to the Government a material inspection and receiving report in the manner and to the extent required by Appendix F, Material Inspection and Receiving Report, of the Defense FAR Supplement.

(b) Contractor submission of the material inspection and receiving information required by Appendix F of the Defense FAR Supplement by using the Wide Area WorkFlow (WAWF) electronic form (see paragraph (b) of the clause at 252.232-7003) fulfills the requirement for a material inspection and receiving report (DD Form 250). Two copies of the receiving report (paper copies of either the DD Form 250 or the WAWF report) shall be distributed with the shipment, in accordance with Appendix F, Part 4, F-401, Table 1, of the Defense FAR Supplement.

(End of clause)

5252.223-9300 INSPECTION BY REGULATORY AGENCIES (JUN 1994)

Work performed under this contract is subject to inspection by State and Federal Government Regulatory agencies including those described below.

Permission has been granted by the Navy permitting Federal and State occupational health and safety officials to enter Navy shore installations, without delay and at reasonable times, to conduct routine safety and health investigations. Permission also extends to safety and health investigations based on reports of unsafe conditions. Occupational Health and Safety Administration (OSHA) officials may also investigate accidents or illnesses involving the Contractor's employees. Inspections may also be carried out by the Department of Labor to inspect for compliance with labor laws.

The Contractor shall cooperate with regulatory agencies and shall provide personnel to accompany the agency inspection or review teams. Contractor personnel shall be knowledgeable concerning the work being inspected, and participate in responding to all requests for information, inspection or review findings by regulatory agencies.

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	90 dys. ADC	1	NAVFAC MID ATLANTIC ROGER SUMMY 5455 CARLISLE PIKE BLDG 305F MECHANICSBURG PA 17050-2457 717-605-6611 FOB: Destination	N45206

Section G - Contract Administration Data

Section H - Special Contract Requirements

INSURANCE

a. The Contractor shall procure and maintain during the entire period of performance under this contract the following minimum insurance coverage.

1. Comprehensive General Liability: \$500,000 per occurrence.
2. Automobile Liability: \$200,000 per person, \$500,000 per occurrence, \$20,000 per occurrence for property damage.
3. Workmen's Compensation: As required by Federal and State worker's compensation and occupational disease statutes.
4. Employee's liability coverage: \$100,000 except in states where worker's compensation may not be written by private carriers.
5. Other as required by state law.

b. Prior to commencement of work, the contractor shall furnish to the Contracting Officer a certificate or written statement of the above required insurance. The policies evidencing required insurance shall contain an endorsement to the effect that cancellation or any material change in the policies adversely affecting the interests of the Government in such insurance shall not be effective for such period as may be prescribed by the laws of the State in which this contract is to be performed, and in no event less than thirty (30) days after written notice thereof to the Contracting Officer.

c. The Contractor agrees to insert the substance of this clause, including this paragraph (c), in all subcontracts here-under.

CANCELLATION LANGUAGE

The cancellation language must state, "Should any of the above described policies be cancelled before the expiration date thereof, the issuing company will mail 30 days written notice to the certificate holder named to the left.

NAVY COMMERCIAL ACCESS CONTROL SYSTEM (NCACS)

Commander, Navy Installations Command (CNIC), has established the Navy Commercial Access Control System (NCACS), a standardized process for granting unescorted access privileges to vendors, contractors, suppliers and service providers not otherwise entitled to the issuance of a Common Access Card (CAC) who seek access to and can provide justification to enter Navy installations and facilities. Visiting vendors may obtain daily passes directly from the individual Navy installations by submitting identification credentials for verification and undergoing a criminal screening/ background check. Alternatively, if the vendor so chooses, it may voluntarily elect to obtain long-term credentials through enrollment, registration, background vetting, screening, issuance of credentials, and electronic validation of credentials at its own cost through a designated independent contractor NCACS service provider. Credentials will be issued every five years and access privileges will be reviewed/renewed on an annual basis. The costs incurred to obtain Navy installation access of any kind are not reimbursable, and the price(s) paid for obtaining long-term NCACS credentials will not be approved as a direct cost of this contract. Further information regarding NCACS is forthcoming. **Naval Support Activity – Mechanicsburg, PA is under NCACS.**

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.202-1	Definitions	NOV 2013
52.203-1	Officials Not To Benefit	APR 1984
52.203-3	Gratuities	APR 1984
52.203-5	Covenant Against Contingent Fees	MAY 2014
52.203-6	Restrictions On Subcontractor Sales To The Government	SEP 2006
52.203-7	Anti-Kickback Procedures	MAY 2014
52.203-13	Contractor Code of Business Ethics and Conduct	APR 2010
52.203-13	Procurement Integrity--Service Contracting	SEP 1990
52.203-14	Display of Hotline Poster(s)	DEC 2007
52.203-15	Whistleblower Protections Under the American Recovery and Reinvestment Act of 2009	JUN 2010
52.203-16	Preventing Personal Conflicts of Interest	DEC 2011
52.203-17	Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights	APR 2014
52.204-1	Approval of Contract	DEC 1989
52.204-2	Security Requirements	AUG 1996
52.204-3	Taxpayer Identification	OCT 1998
52.204-7	System for Award Management	JUL 2013
52.204-9	Personal Identity Verification of Contractor Personnel	JAN 2011
52.204-13	System for Award Management Maintenance	JUL 2013
52.204-14	Service Contract Reporting Requirements	JAN 2014
52.211-6	Brand Name or Equal	AUG 1999
52.211-13	Time Extensions	SEP 2000
52.211-16	Variation In Quantity	APR 1984
52.211-18	Variation in Estimated Quantity	APR 1984
52.216-8	Fixed Fee	JUN 2011
52.222-1	Notice To The Government Of Labor Disputes	FEB 1997
52.222-7	Withholding of Funds	MAY 2014
52.222-8	Payrolls and Basic Records	MAY 2014
52.222-9	Apprentices and Trainees	JUL 2005
52.222-11	Subcontracts (Labor Standards)	MAY 2014
52.222-12	Contract Termination-Debarment	MAY 2014
52.222-14	Disputes Concerning Labor Standards	FEB 1988
52.222-16	Approval of Wage Rates	MAY 2014
52.222-19	Child Labor -- Cooperation with Authorities and Remedies	JAN 2014
52.222-25	Affirmative Action Compliance	APR 1984
52.222-26	Equal Opportunity	MAR 2007
52.222-30	Construction Wage Rate Requirements--Price Adjustment (None or Separately Specified Method)	MAY 2014
52.222-35	Equal Opportunity for Veterans	JUL 2014
52.222-36	Equal Opportunity for Workers with Disabilities	JUL 2014
52.222-50	Combating Trafficking in Persons	FEB 2009
52.223-4	Recovered Material Certification	MAY 2008
52.223-5	Pollution Prevention and Right-to-Know Information	MAY 2011
52.223-6	Drug-Free Workplace	MAY 2001
52.223-9	Estimate of Percentage of Recovered Material Content for EPA-Designated Items	MAY 2008
52.223-10	Waste Reduction Program	MAY 2011
52.223-11	Ozone-Depleting Substances	MAY 2001

52.223-12	Refrigeration Equipment and Air Conditioners	MAY 1995
52.223-15	Energy Efficiency in Energy-Consuming Products	DEC 2007
52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	AUG 2011
52.223-19	Compliance with Environmental Management Systems	MAY 2011
52.225-13	Restrictions on Certain Foreign Purchases	JUN 2008
52.228-5	Insurance - Work On A Government Installation	JAN 1997
52.236-1	Performance of Work by the Contractor	APR 1984
52.236-5	Material and Workmanship	APR 1984
52.236-7	Permits and Responsibilities	NOV 1991
52.236-12	Cleaning Up	APR 1984
52.236-13	Accident Prevention	NOV 1991
52.236-14	Availability and Use of Utility Services	APR 1984
52.237-1	Site Visit	APR 1984
52.242-13	Bankruptcy	JUL 1995
52.242-14	Suspension of Work	APR 1984
52.243-1	Changes--Fixed Price	AUG 1987
52.243-4	Changes	JUN 2007
52.243-7	Notification Of Changes	APR 1984
52.246-1	Contractor Inspection Requirements	APR 1984
52.246-4	Inspection Of Services--Fixed Price	AUG 1996
52.246-20	Warranty Of Services	MAY 2001
52.246-25	Limitation Of Liability--Services	FEB 1997
52.249-1	Termination For Convenience Of The Government (Fixed Price) (Short Form)	APR 1984
52.249-8	Default (Fixed-Price Supply & Service)	APR 1984
52.253-1	Computer Generated Forms	JAN 1991
252.204-7012	Safeguarding of Unclassified Controlled Technical Information	NOV 2013
252.209-7002	Disclosure Of Ownership Or Control By A Foreign Government	JUN 2010
252.232-7003	Electronic Submission of Payment Requests and Receiving Reports	JUN 2012

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52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984)

The Contractor shall be required to (a) commence work under this contract within 5 calendar days after the date the Contractor receives the notice of award, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later 90 calendar days from the notice of award. The time stated for completion shall include final cleanup of the premises.

(End of clause)

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52.213-4 TERMS AND CONDITIONS--SIMPLIFIED ACQUISITIONS (OTHER THAN COMMERCIAL ITEMS) (OCT 2014)

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses that are incorporated by reference:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

(ii) 52.222-21, Prohibition of Segregated Facilities (Feb 1999) (E.O. 11246).

(iii) 52.222-26, Equal Opportunity (MAR 2007) (E.O. 11246).

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

(v) 52.225-13, Restrictions on Certain Foreign Purchases (FEB 2006) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

(vi) 52.233-3, Protest After Award (Aug 1996) (31 U.S.C. 3553).

(vii) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Public Laws 108-77 and 108-78 (19 U.S.C. 3805 note)).

(2) Listed below are additional clauses that apply:

(i) 52.232-1, Payments (Apr 1984).

(ii) 52.232-8, Discounts for Prompt Payment (Feb 2002).

(iii) 52.232-11, Extras (Apr 1984).

(iv) 52.232-25, Prompt Payment (July 2013).

(v) 52.232-39, Unenforceability of Unauthorized Obligations (Jun 2013).

(vi) 52.232-40, Providing Accelerated Payments to Small Business Subcontractors (Dec 2013).

(vii) 52.233-1, Disputes (MAY 2014).

(viii) 52.244-6, Subcontracts for Commercial Items (OCT 2014)

(ix) 52.253-1, Computer Generated Forms (Jan 1991).

(b) The Contractor shall comply with the following FAR clauses, incorporated by reference, unless the circumstances do not apply:

(1) The clauses listed below implement provisions of law or Executive order:

(i) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (July 2013) (Pub. L. 109-282) (31 U.S.C. 6101 note) (Applies to contracts valued at \$25,000 or more).

(ii) 52.222-19, Child Labor--Cooperation with Authorities and Remedies (JAN 2014) (E.O. 13126). (Applies to contracts for supplies exceeding the micro-purchase threshold.)

(iii) 52.222-20, Contracts for Materials, Supplies, Articles, and Equipment Exceeding \$15,000 (MAY 2014) (41 U.S.C. chapter 65) (Applies to supply contracts over \$15,000 in the United States, Puerto Rico, or the U.S. Virgin Islands).

(iv) 52.222-35, Equal Opportunity for Veterans (JUL 2014) (38 U.S.C. 4212) (applies to contracts of \$100,000 or more).

(v) 52.222-36, Equal Employment for Workers with Disabilities (July 2014) (29 U.S.C. 793). (Applies to contracts over \$15,000, unless the work is to be performed outside the United States by employees recruited outside the United States.) (For purposes of this clause, "United States" includes the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.)

(vi) 52.222-37, Employment Reports on Veterans (JUL 2014) (38 U.S.C. 4212) (applies to contracts of \$100,000 or more).

(vii) 52.222-41, Service Contract Labor Standards (MAY 2014) (41 U.S.C. chapter 67) (Applies to service contracts over \$2,500 that are subject to the Service Contract Labor Standards statute and will be performed in the United States, District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, Johnston Island, Wake Island, or the outer Continental Shelf.)

(viii) 52.223-5, Pollution Prevention and Right-to-Know Information (May 2011) (E.O. 13423) (Applies to services performed on Federal facilities).

(ix) 52.223-15, Energy Efficiency in Energy-Consuming Products (DEC 2007) (42 U.S.C. 8259b) (Unless exempt pursuant to 23.204, applies to contracts when energy-consuming products listed in the ENERGY STAR Program or Federal Energy Management Program (FEMP) will be--

(A) Delivered;

(B) Acquired by the Contractor for use in performing services at a Federally-controlled facility;

(C) Furnished by the Contractor for use by the Government; or

(D) Specified in the design of a building or work, or incorporated during its construction, renovation, or maintenance.)

(x) 52.225-1, Buy American--Supplies (MAY 2014) (41 U.S.C. chapter 83) (Applies to contracts for supplies, and to contracts for services involving the furnishing of supplies, for use in the United States or its outlying areas, if the value of the supply contract or supply portion of a service contract exceeds the micro-purchase threshold and the acquisition—

(A) Is set aside for small business concerns; or

(B) Cannot be set aside for small business concerns (see 19.502-2), and does not exceed \$25,000.)

(xi) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (MAY 2014) (42 U.S.C. 1792) (Applies to contracts greater than \$25,000 that provide for the provision, the service, or the sale of food in the United States.)

(xii) 52.232-33, Payment by Electronic Funds Transfer--System for Award Management (Jul 2013). (Applies when the payment will be made by electronic funds transfer (EFT) and the payment office uses the System for Award Management (SAM) database as its source of EFT information.)

(xiii) 52.232-34, Payment by Electronic Funds Transfer--Other than System for Award Management (Jul 2013). (Applies when the payment will be made by EFT and the payment office does not use the SAM database as its source of EFT information.)

(xiv) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (FEB 2006) (46 U.S.C. Appx 1241). (Applies to supplies transported by ocean vessels (except for the types of subcontracts listed at 47.504(d).)

(2) Listed below are additional clauses that may apply:

(i) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Aug 2013) (Applies to contracts over \$30,000).

(ii) 52.211-17, Delivery of Excess Quantities (SEPT 1989) (Applies to fixed-price supplies).

(iii) 52.247-29, F.o.b. Origin (FEB 2006) (Applies to supplies if delivery is f.o.b. origin).

(iv) 52.247-34, F.o.b. Destination (NOV 1991) (Applies to supplies if delivery is f.o.b. destination).

(c) 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/vffara.htm>

(d) Inspection/Acceptance. The Contractor shall tender for acceptance only those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. The Government must exercise its postacceptance rights--

(1) Within a reasonable period of time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(e) Excusable delays. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence, such as acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(f) Termination for the Government's convenience. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges that the Contractor can demonstrate to the satisfaction of the Government, using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred that reasonably could have been avoided.

(g) Termination for cause. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(h) Warranty. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(End of clause)

52.225-1 BUY AMERICAN--SUPPLIES (MAY 2014)

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

Commercially available off-the-shelf (COTS) item—

(1) Means any item of supply (including construction material) that is--

(i) A commercial item (as defined in paragraph (1) of the definition at FAR 2.101);

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in 46 U.S.C. 40102(4) such as agricultural products and petroleum products.

Component means an article, material, or supply incorporated into an end product.

Cost of components means--

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the

manufacture of the end product.

Domestic end product means--

- (1) An unmanufactured end product mined or produced in the United States;
- (2) An end product manufactured in the United States, if--
 - (i) The cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as those that the agency determines are not mined, produced, or manufactured in sufficient and reasonably available commercial quantities of a satisfactory quality are treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic; or
 - (ii) The end product is a COTS item.

End product means those articles, materials, or supplies to be acquired under the contract for public use.

Foreign end product means an end product other than a domestic end product.

United States means the 50 States, the District of Columbia and outlying areas.

- (b) 41 U.S.C. chapter 83, Buy American, provides a preference for domestic end products for supplies acquired for use in the United States. In accordance with 41 U.S.C. 1907, the component test of the Buy American statute is waived for an end product that is a COTS item (See 12.505(a)(1)).
- (c) Offerors may obtain from the Contracting Officer a list of foreign articles that the Contracting Officer will treat as domestic for this contract.
- (d) The Contractor shall deliver only domestic end products except to the extent that it specified delivery of foreign end products in the provision of the solicitation entitled "Buy American Certificate."

(End of clause)

52.232-23 ASSIGNMENT OF CLAIMS (MAY 2014)

- (a) The Contractor, under the Assignment of Claims Act, as amended, 31 U.S.C. 3727, 41 U.S.C. 6305 (hereafter referred to as "the Act"), may assign its rights to be paid amounts due or to become due as a result of the performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency. The assignee under such an assignment may thereafter further assign or reassign its right under the original assignment to any type of financing institution described in the preceding sentence.
- (b) Any assignment or reassignment authorized under the Act and this clause shall cover all unpaid amounts payable under this contract, and shall not be made to more than one party, except that an assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in the financing of this contract.
- (c) The Contractor shall not furnish or disclose to any assignee under this contract any classified document (including this contract) or information related to work under this contract until the Contracting Officer authorizes such action in writing.

(End of clause)

52.233-2 SERVICE OF PROTEST (SEP 2006)

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

**Naval Facilities Engineering
Command Mid-Atlantic PWD PA
FEAD Attn: Aaron Koumaras
4921 S. Broad Street Bldg 1, 2nd Floor Philadelphia, PA 19112**

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

(End of provision)

52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions 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. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://farsite.hill.af.mil/vffara.htm>.

(End of provision)

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/vffara.htm>.

(End of clause)

252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)

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

Department of Defense Activity Address Code (DoDAAC) is a six position code that uniquely identifies a unit, activity, or organization.

Document type means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

Local processing office (LPO) is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type(s).

FACILITIES MANAGEMENT INVOICE

(Contracting Officer: Insert applicable document type(s). Note: If a "Combo" document type is identified but not supportable by the Contractor's business systems, an "Invoice" (stand-alone) and "Receiving Report" (stand-alone) document type may be used instead.)

(2) Inspection/acceptance location. The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

DoCAAC: N69178

(Contracting Officer: Insert inspection and acceptance locations or "Not applicable".)

(3) Document routing. The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	N68732
Issue By DoDAAC	N40085
Admin DoDAAC	N40085
Inspect By DoDAAC	N45206
Ship To Code	N45206
Ship From Code	NA
Mark For Code	NA
Service Approver (DoDAAC)	N45206
Service Acceptor (DoDAAC)	N45206
Accept at Other DoDAAC	NA
LPO DoDAAC	N45206
DCAA Auditor DoDAAC	NA
Other DoDAAC(s)	NA

(*Contracting Officer: Insert applicable DoDAAC information or “See schedule” if multiple ship to/acceptance locations apply, or “Not applicable.”)

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the “Send Additional Email Notifications” field of WAWF once a document is submitted in the system.

neilda.rentas-willia@navy.mil

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

neilda.rentas-willia@navy.mil

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

5252.201-9300 CONTRACTING OFFICER AUTHORITY (JUN 1994)

In no event shall any understanding or agreement between the Contractor and any Government employee other than the Contracting Officer on any contract, modification, change order, letter or verbal direction to the Contractor be effective or binding upon the Government. All such actions must be formalized by a proper contractual document executed by an appointed Contracting Officer. The Contractor is hereby put on notice that in the event a Government employee other than the Contracting Officer directs a change in the work to be performed, it is the Contractor's responsibility to make inquiry of the Contracting Officer before making the deviation. Payments will not be made without being authorized by an appointed Contracting Officer with the legal authority to bind the Government.

5252.209-9300 ORGANIZATIONAL CONFLICTS OF INTEREST (JUN 1994)

The restrictions described herein shall apply to the Contractor and its affiliates, consultants and subcontracts under this contract. If the Contractor under this contract prepares or assists in preparing a statement of work, specifications and plans, the Contractor and its affiliates shall be ineligible to bid or participate, in any capacity, in any contractual effort which is based on such statement of work or specifications and plans as a prime contractor, subcontractor, consultant or in any similar capacity. The Contractor shall not incorporate its products or services in such statement of work or specification unless so directed in writing by the Contracting Officer, in which case the restriction shall not apply. This contract shall include this clause in its subcontractor's or consultants' agreements concerning the performance of this contract.

5252.223-9300 INSPECTION BY REGULATORY AGENCIES (JUN 1994)

Work performed under this contract is subject to inspection by State and Federal Government Regulatory agencies including those described below.

Permission has been granted by the Navy permitting Federal and State occupational health and safety officials to enter Navy shore installations, without delay and at reasonable times, to conduct routine safety and health investigations. Permission also extends to safety and health investigations based on reports of unsafe conditions. Occupational Health and Safety Administration (OSHA) officials may also investigate accidents or illnesses involving the Contractor's employees. Inspections may also be carried out by the Department of Labor to inspect for compliance with labor laws.

The Contractor shall cooperate with regulatory agencies and shall provide personnel to accompany the agency inspection or review teams. Contractor personnel shall be knowledgeable concerning the work being inspected, and participate in responding to all requests for information, inspection or review findings by regulatory agencies.

5252.236-9303 ACCIDENT PREVENTION (NOV 1998)

- (a) The Contractor will maintain an accurate record of, and will report to the Contracting Officer in the manner and on the forms prescribed by the Contracting Officer, all accidents resulting in death, traumatic injury, occupational disease, and damage to property, materials, supplies and equipment incident to work performed under this contract.
- (b) Compliance with the provisions of this article by subcontractors will be the responsibility of the Contractor.
- (c) Prior to commencement of the work, the Contractor may be required to:
- (1) submit in writing his proposals for effectuating provision for accident prevention;
 - (2) meet in conference with representatives of the Contracting Officer to discuss and develop mutual understandings relative to administration of the overall safety program.

5252.236-9305 AVAILABILITY OF UTILITIES (JUN 1994)

When available, the government will furnish reasonable amounts of the following utilities for the work to be performed under this contract at no cost to the Contractor. Information concerning the location of existing outlets may be secured from the OIC. The Contractor shall provide and maintain, at his expense, the necessary service lines from existing Government outlets to the site of work.

Electric - Water - Compressed Air

Contractor Furnished Utilities: In the event that the Government is unable to provide the required types of utilities, the Contractor shall, at his expense, arrange for the required utilities.

Contractor Energy Conservation: The Contractor shall be directly responsible for instructing employees in utilities conservation practices. The Contractor shall be responsible for operating under conditions which preclude the waste of utilities, which shall include:

- a. Lights shall be used only in areas where and at the time when work is actually performed.
- b. Mechanical equipment controls for heating, ventilation and air conditioning systems will not be adjusted by the workers.
- c. Water faucets or valves shall be turned off after the required usage has been accomplished.

Telephone Lines. Telephone lines for the sole use of the Contractor will not be available. Government telephones shall not be used for personal reasons.

Contractor Availability. The Contractor shall maintain a telephone at which he or his representative may be reached 24 hours daily. The telephone shall be listed in the contractor's name. If the Contractor does not have a local telephone, he shall maintain a toll free emergency telephone (or accept collect calls from authorized Government personnel) at which he or his representative may be reached at night, weekends and holidays. It is mandatory that the Contractor or his representative be available to a toll-free telephone 24 hours per day, seven days per week, including holidays. He shall notify the OIC in writing of the mailing address and telephone number within three days after award of this contract and immediately thereafter in the event of change.

5252.236-9310 RECORD DRAWINGS (Oct 2004)

The Contractor shall maintain at the job site two sets of full-size prints of the contract drawings, accurately marked in red with adequate dimensions, to show all variations between the construction actually provided and that indicated or specified in the contract documents, including buried or concealed construction. Special attention shall be given to recording the horizontal and vertical location of all buried utilities that differ from the final government-accepted drawings. Existing utility lines and features revealed during the course of construction, shall also be accurately located and dimensioned. Variations in the interior utility systems shall be clearly defined and dimensioned; and coordinated with exterior utility connections at the building five-foot line, where applicable. Existing topographic features which differ from those shown on the contract drawings shall also be accurately located and recorded. Where a choice of materials or methods is permitted herein, or where variations in scope or character of methods is permitted herein, or where variations in scope or character of work from that of the original contract are authorized, the drawings shall be marked to define the construction actually provided. The representations of such changes shall conform to standard drafting practice and shall include such supplementary notes, legends and details as necessary to clearly portray the as-built construction. These drawings shall be available for review by the Contracting Officer at all times. Upon completion of the work, both sets of the marked up prints shall be certified as correct, signed by the Contractor, and delivered to the Contracting Officer for his approval before acceptance. Requests for partial payments will not be approved if the marked prints are not kept current, and request for final payment will not be approved until the market prints are delivered to the Contracting Officer.

5252.237-9302 SITE VISIT (JUL 1995)

- a. Arrangements to visit the site may be made by contacting the Engineering Technician Mr. Roger Summy at roger.summy@navy.mil. All offerors are instructed to Carbon Copy (CC) Contract Specialist Aaron Koumaras at aaron.koumaras@navy.mil in addition. Site visits are restricted to regular working hours.
- b. Visitors may be required to present documentation evidencing personal identification and firm affiliation.

****NOTE: The site visit is scheduled for 24 March 2015 at 10am ET. If you plan on attending, you MUST notify Mr. Roger Summy by email no later than 18 March 2015 at 3pm ET for directions and any/instructions related to the site visit.**

Attendees should be aware that no answers will be provided to verbal questions asked during the site visit. Attendees are requested to provide all questions that they may have during the site visit be in written format and emailed to the contract specialist, Aaron Koumaras at aaron.koumaras@navy.mil. All questions that arise during and/or after the site visit shall be sent to the contract specialist at the email address listed above. The time and date for the receipt of questions is: **13 April 2015 at 3pm ET**. The answers to the questions will be posted as an amendment to the RFP on www.neco.navy.mil. No hard copies will be sent out to contractors.

In addition, the list of the site visit attendees will not be made available. Contractors are encouraged to register as an Interested Vendor on the Navy Electronic Commerce Online, www.neco.navy.mil, with the specific solicitation of interest.

NOTE: Remarks and explanations addressed during the site visit shall not be deemed or construed to constitute any representation or warranty by the DOD, or a legally binding agreement, contract or commitment between the DOD and any other party, or alter the terms and conditions of the solicitation.

Reminder: It is the contractor's responsibility to check the NECO website, www.neco.navy.mil, for all amendments to the subject solicitation.

5252.242-9300 GOVERNMENT REPRESENTATIVES (OCT 1996)

a. The contract will be administered by an authorized representative of the Contracting Officer. In no event, however, will any understanding or agreement, modification, change order, or other matter deviating from the terms of the contract between the contractor and any person other than the Contracting Officer be effective or binding upon the Government, unless formalized by proper contractual documents executed by the Contracting Officer prior to completion of this contract. The authorized representative as indicated hereinafter:

X 1. The Contracting Officer's Representative (COR) will be designated by the Contracting Officer as the authorized representative of the Contracting Officer. The COR is responsible for monitoring performance and the technical management of the effort required hereunder, and should be contacted regarding questions or problems of a technical nature.

X 2. The designated Contract Specialist will be the Administrative Contracting Officer's representative on all other contract administrative matters. The Contract Specialist should be contacted regarding all matters pertaining to the contract or delivery orders.

 3. The designated Property Administrator is the Administrative contracting Officer's representative on property matters. The Property Administrator should be contacted regarding all matters pertaining to property administration.

5252.246-9303 CONSEQUENCES OF CONTRACTOR'S FAILURE TO PERFORM REQUIRED SERVICES (OCT 2004)

The Contractor shall perform all of the contract requirements. The Government will inspect and assess Contractor performance in accordance with FAR 52.246-4, INSPECTION OF SERVICES – FIXED PRICE and the Section E provision entitled GOVERNMENT PERFORMANCE ASSESSMENT. The Government will require re-performance, withhold payment, or seek other suitable consideration for unsatisfactory or non-performed work. When defects can't be corrected by re-performance, the Government may reduce the price to reflect the reduced value of services performed.

(a) **PROCEDURES.** In the case of unsatisfactory or nonperformed work, the Government:

(1) may give the Contractor written notice of observed deficiencies prior to withholding payment for unsatisfactory or non-performed work and/or assessing liquidated damages. Such written notice shall not be a prerequisite for withholding payment for nonperformed work. The Government may specify, as provided for below, that liquidated damages can be assessed against the Contractor. Such liquidated damages are to compensate the Government for administrative costs and other expenses resulting from the unsatisfactory or nonperformed work.

(2) may, at its option, allow the Contractor an opportunity to re-perform the unsatisfactory or nonperformed work, at no additional cost to the Government. In the case of daily work, corrective action must be completed within twenty four (24) hours of notice to the Contractor. In the case of other work, corrective action must be completed within seventy two (72) hours of notice. In addition, the Government can assess liquidated damages, as referenced above, in the amount of ten (10) % percent of the value of all observed defects. The original inspection results of the Contractor's work will not be modified upon re-inspection. However, the Contractor will be paid for satisfactorily re-performed work.

(3) shall withhold from the Contractor's invoice all amounts associated with the unsatisfactory or nonperformed work at the prices set out in the Schedule or provided by other provisions of this contract, unless the Contractor is required to re-perform and satisfactorily complete the work. In addition, the Government can assess

liquidated damages, as referenced above, in the amount of ___ten (10) %___ percent of the value of all observed defects.

(4) may, at its option, perform the work by Government personnel or by other means. The Government will reduce the amount of payment to the Contractor, by the amount paid to any Government personnel (based on wages, retirement and fringe benefits) plus material, or by the actual costs incurred to accomplish the work by other means. If the actual costs cannot be readily determined, the prices set out in the Schedule will be used as the basis for the deduction. In addition, the Government can assess liquidated damages, as referenced above, in the amount of ___ten (10) %___ percent of the computed cost.

(b) The Contractor is responsible for maintaining an effective Quality Control Program during the course of the contract. Failure to maintain adequate quality control may result in Termination for Default.

(c) Re-performance by the Contractor does not waive the Government's right to terminate for nonperformance in accordance with FAR clause 52.249-8, "DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)" of Section I and all other remedies for default as may be provided by law.

(d) When WATCHSTANDING SERVICES apply. If the Contractor fails to provide qualified personnel or allows any post to be unmanned for a total of ___N/A___ minutes in any shift, the Government may assign other persons to perform such work or withhold payment as specified below:

- (a) When Watchstanding Services are performed by Government employees, withholdings shall be computed based on the current Federal Pay Schedule including wages, retirement and fringe benefits of the Government employees (civilian or military) who actually performed the work. In addition, the Government can assess liquidated damages, as referenced above, in the amount of ___ N/A ___ percent of the computed cost.

(2) When non-performed Watchstanding Services are obtained under another contract, the Government will withhold an amount equal to the cost to the Government under that contract. In addition, the Government can assess liquidated damages, as referenced above, in the amount of ___ N/A ___ percent of the cost.

(3) If no guard replacement is furnished by the Government and the work is not performed, the Government will withhold an amount equal to the cost to the Government of having a Government employee perform the work. In addition, the Government can assess liquidated damages, as referenced above, in the amount of ___ N/A ___ percent of the computed cost.

(4) The Contractor will be held liable for property losses sustained by the Government as a direct, consequential result of a failure to furnish the required personnel.

(5) Computations of the costs for Government employees to perform work not performed by the Contractor shall be in conformance with FAR 52.222-42, "STATEMENT OF EQUIVALENT RATE FOR FEDERAL HIRES." (End of clause)

Section J - List of Documents, Exhibits and Other Attachments

SERVICE CONTRACT ACT WAGES

WD 05-2449 (Rev.-15) was first posted on www.wdol.gov on 12/30/2014

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
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Diane C. Koplewski Director	Division of Wage Determinations	Wage Determination No.: 2005-2449 Revision No.: 15 Date Of Revision: 12/22/2014
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Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Service Contract Act for which the solicitation is issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

States: New Jersey, Pennsylvania

Area: New Jersey Counties of Burlington, Camden, Gloucester
 Pennsylvania Counties of Bucks, Chester, Delaware, Lehigh, Montgomery, Northampton, Philadelphia

Fringe Benefits Required Follow the Occupational Listing		
OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		14.53
01012 - Accounting Clerk II		16.31
01013 - Accounting Clerk III		18.24
01020 - Administrative Assistant		27.42
01040 - Court Reporter		21.74
01051 - Data Entry Operator I		14.22
01052 - Data Entry Operator II		15.51
01060 - Dispatcher, Motor Vehicle		17.92
01070 - Document Preparation Clerk		13.66
01090 - Duplicating Machine Operator		13.66
01111 - General Clerk I		13.45
01112 - General Clerk II		14.68
01113 - General Clerk III		16.48
01120 - Housing Referral Assistant		24.11
01141 - Messenger Courier		12.91
01191 - Order Clerk I		14.81
01192 - Order Clerk II		15.68
01261 - Personnel Assistant (Employment) I		16.56
01262 - Personnel Assistant (Employment) II		18.52
01263 - Personnel Assistant (Employment) III		20.64
01270 - Production Control Clerk		22.74
01280 - Receptionist		14.72
01290 - Rental Clerk		16.83
01300 - Scheduler, Maintenance		17.52
01311 - Secretary I		19.12
01312 - Secretary II		21.84
01313 - Secretary III		24.11
01320 - Service Order Dispatcher		16.76
01410 - Supply Technician		27.02
01420 - Survey Worker		17.92

01531 - Travel Clerk I	13.42
01532 - Travel Clerk II	14.10
01533 - Travel Clerk III	15.03
01611 - Word Processor I	15.91
01612 - Word Processor II	17.86
01613 - Word Processor III	19.98
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	22.83
05010 - Automotive Electrician	22.03
05040 - Automotive Glass Installer	20.34
05070 - Automotive Worker	21.11
05110 - Mobile Equipment Servicer	19.63
05130 - Motor Equipment Metal Mechanic	22.81
05160 - Motor Equipment Metal Worker	21.22
05190 - Motor Vehicle Mechanic	22.83
05220 - Motor Vehicle Mechanic Helper	18.71
05250 - Motor Vehicle Upholstery Worker	20.54
05280 - Motor Vehicle Wrecker	21.22
05310 - Painter, Automotive	22.14
05340 - Radiator Repair Specialist	21.22
05370 - Tire Repairer	14.89
05400 - Transmission Repair Specialist	23.49
07000 - Food Preparation And Service Occupations	
07010 - Baker	13.05
07041 - Cook I	12.99
07042 - Cook II	13.84
07070 - Dishwasher	9.76
07130 - Food Service Worker	11.55
07210 - Meat Cutter	17.30
07260 - Waiter/Waitress	10.10
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	19.40
09040 - Furniture Handler	17.39
09080 - Furniture Refinisher	22.85
09090 - Furniture Refinisher Helper	19.50
09110 - Furniture Repairer, Minor	21.21
09130 - Upholsterer	19.41
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	12.81
11060 - Elevator Operator	12.33
11090 - Gardener	16.09
11122 - Housekeeping Aide	12.81
11150 - Janitor	12.81
11210 - Laborer, Grounds Maintenance	13.67
11240 - Maid or Houseman	11.29
11260 - Pruner	12.83
11270 - Tractor Operator	15.33
11330 - Trail Maintenance Worker	13.76
11360 - Window Cleaner	13.61
12000 - Health Occupations	
12010 - Ambulance Driver	17.48
12011 - Breath Alcohol Technician	20.44
12012 - Certified Occupational Therapist Assistant	22.91
12015 - Certified Physical Therapist Assistant	22.60
12020 - Dental Assistant	18.36
12025 - Dental Hygienist	32.95
12030 - EKG Technician	30.31
12035 - Electroneurodiagnostic Technologist	30.31
12040 - Emergency Medical Technician	17.48
12071 - Licensed Practical Nurse I	20.15
12072 - Licensed Practical Nurse II	22.05
12073 - Licensed Practical Nurse III	24.57
12100 - Medical Assistant	14.97
12130 - Medical Laboratory Technician	21.17
12160 - Medical Record Clerk	15.47
12190 - Medical Record Technician	17.00

12195 - Medical Transcriptionist	17.02
12210 - Nuclear Medicine Technologist	34.99
12221 - Nursing Assistant I	10.52
12222 - Nursing Assistant II	11.83
12223 - Nursing Assistant III	12.91
12224 - Nursing Assistant IV	14.49
12235 - Optical Dispenser	21.62
12236 - Optical Technician	16.60
12250 - Pharmacy Technician	15.13
12280 - Phlebotomist	14.49
12305 - Radiologic Technologist	28.02
12311 - Registered Nurse I	29.51
12312 - Registered Nurse II	32.76
12313 - Registered Nurse II, Specialist	32.76
12314 - Registered Nurse III	39.32
12315 - Registered Nurse III, Anesthetist	39.32
12316 - Registered Nurse IV	47.11
12317 - Scheduler (Drug and Alcohol Testing)	23.50
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	21.74
13012 - Exhibits Specialist II	28.77
13013 - Exhibits Specialist III	35.16
13041 - Illustrator I	22.94
13042 - Illustrator II	30.61
13043 - Illustrator III	37.43
13047 - Librarian	31.00
13050 - Library Aide/Clerk	16.83
13054 - Library Information Technology Systems Administrator	27.98
13058 - Library Technician	17.62
13061 - Media Specialist I	18.35
13062 - Media Specialist II	20.52
13063 - Media Specialist III	22.88
13071 - Photographer I	17.96
13072 - Photographer II	19.97
13073 - Photographer III	25.04
13074 - Photographer IV	30.62
13075 - Photographer V	37.06
13110 - Video Teleconference Technician	22.29
14000 - Information Technology Occupations	
14041 - Computer Operator I	18.50
14042 - Computer Operator II	20.70
14043 - Computer Operator III	23.06
14044 - Computer Operator IV	25.64
14045 - Computer Operator V	28.39
14071 - Computer Programmer I	(see 1)
14072 - Computer Programmer II	(see 1)
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	(see 1)
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	18.50
14160 - Personal Computer Support Technician	25.64
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	33.14
15020 - Aircrew Training Devices Instructor (Rated)	40.11
15030 - Air Crew Training Devices Instructor (Pilot)	48.06
15050 - Computer Based Training Specialist / Instructor	33.14
15060 - Educational Technologist	30.33
15070 - Flight Instructor (Pilot)	48.06
15080 - Graphic Artist	24.99
15090 - Technical Instructor	24.41
15095 - Technical Instructor/Course Developer	29.85
15110 - Test Proctor	19.71
15120 - Tutor	19.71

16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	9.77
16030 - Counter Attendant	9.77
16040 - Dry Cleaner	12.76
16070 - Finisher, Flatwork, Machine	9.77
16090 - Presser, Hand	9.77
16110 - Presser, Machine, Drycleaning	9.77
16130 - Presser, Machine, Shirts	9.77
16160 - Presser, Machine, Wearing Apparel, Laundry	9.77
16190 - Sewing Machine Operator	13.65
16220 - Tailor	14.52
16250 - Washer, Machine	10.80
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	20.24
19040 - Tool And Die Maker	24.23
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	19.21
21030 - Material Coordinator	20.91
21040 - Material Expediter	20.91
21050 - Material Handling Laborer	13.92
21071 - Order Filler	13.88
21080 - Production Line Worker (Food Processing)	19.21
21110 - Shipping Packer	16.45
21130 - Shipping/Receiving Clerk	16.45
21140 - Store Worker I	16.93
21150 - Stock Clerk	19.11
21210 - Tools And Parts Attendant	19.21
21410 - Warehouse Specialist	19.21
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	26.75
23021 - Aircraft Mechanic I	25.74
23022 - Aircraft Mechanic II	26.75
23023 - Aircraft Mechanic III	28.12
23040 - Aircraft Mechanic Helper	20.97
23050 - Aircraft, Painter	21.66
23060 - Aircraft Servicer	22.92
23080 - Aircraft Worker	23.95
23110 - Appliance Mechanic	21.01
23120 - Bicycle Repairer	15.11
23125 - Cable Splicer	34.08
23130 - Carpenter, Maintenance	24.40
23140 - Carpet Layer	22.57
23160 - Electrician, Maintenance	29.02
23181 - Electronics Technician Maintenance I	25.72
23182 - Electronics Technician Maintenance II	27.03
23183 - Electronics Technician Maintenance III	27.92
23260 - Fabric Worker	21.87
23290 - Fire Alarm System Mechanic	23.71
23310 - Fire Extinguisher Repairer	22.72
23311 - Fuel Distribution System Mechanic	26.86
23312 - Fuel Distribution System Operator	23.17
23370 - General Maintenance Worker	21.37
23380 - Ground Support Equipment Mechanic	25.74
23381 - Ground Support Equipment Servicer	22.92
23382 - Ground Support Equipment Worker	23.95
23391 - Gunsmith I	22.07
23392 - Gunsmith II	23.77
23393 - Gunsmith III	25.51
23410 - Heating, Ventilation And Air-Conditioning Mechanic	25.17
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	26.15
23430 - Heavy Equipment Mechanic	24.33
23440 - Heavy Equipment Operator	27.08
23460 - Instrument Mechanic	25.03
23465 - Laboratory/Shelter Mechanic	24.64

23470 - Laborer	15.83
23510 - Locksmith	23.29
23530 - Machinery Maintenance Mechanic	24.32
23550 - Machinist, Maintenance	21.24
23580 - Maintenance Trades Helper	18.52
23591 - Metrology Technician I	25.03
23592 - Metrology Technician II	26.01
23593 - Metrology Technician III	26.83
23640 - Millwright	25.21
23710 - Office Appliance Repairer	23.06
23760 - Painter, Maintenance	21.97
23790 - Pipefitter, Maintenance	30.24
23810 - Plumber, Maintenance	26.56
23820 - Pneudraulic Systems Mechanic	25.51
23850 - Rigger	25.51
23870 - Scale Mechanic	23.77
23890 - Sheet-Metal Worker, Maintenance	26.51
23910 - Small Engine Mechanic	18.79
23931 - Telecommunications Mechanic I	25.91
23932 - Telecommunications Mechanic II	26.92
23950 - Telephone Lineman	28.29
23960 - Welder, Combination, Maintenance	20.91
23965 - Well Driller	23.53
23970 - Woodcraft Worker	25.51
23980 - Woodworker	19.14
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	12.00
24580 - Child Care Center Clerk	14.96
24610 - Chore Aide	11.62
24620 - Family Readiness And Support Services Coordinator	14.06
24630 - Homemaker	14.79
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	22.73
25040 - Sewage Plant Operator	22.47
25070 - Stationary Engineer	22.73
25190 - Ventilation Equipment Tender	18.74
25210 - Water Treatment Plant Operator	22.47
27000 - Protective Service Occupations	
27004 - Alarm Monitor	20.30
27007 - Baggage Inspector	13.48
27008 - Corrections Officer	24.29
27010 - Court Security Officer	27.70
27030 - Detection Dog Handler	18.81
27040 - Detention Officer	24.29
27070 - Firefighter	27.25
27101 - Guard I	13.48
27102 - Guard II	18.81
27131 - Police Officer I	28.28
27132 - Police Officer II	31.43
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	11.46
28042 - Carnival Equipment Repairer	12.02
28043 - Carnival Equipment Worker	9.59
28210 - Gate Attendant/Gate Tender	16.04
28310 - Lifeguard	12.78
28350 - Park Attendant (Aide)	17.94
28510 - Recreation Aide/Health Facility Attendant	11.54
28515 - Recreation Specialist	22.22
28630 - Sports Official	14.29
28690 - Swimming Pool Operator	17.23
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	24.30
29020 - Hatch Tender	24.30
29030 - Line Handler	24.30
29041 - Stevedore I	23.38

29042 - Stevedore II	25.20
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	38.17
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	26.31
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	28.98
30021 - Archeological Technician I	20.33
30022 - Archeological Technician II	22.75
30023 - Archeological Technician III	28.18
30030 - Cartographic Technician	28.27
30040 - Civil Engineering Technician	26.15
30061 - Drafter/CAD Operator I	20.33
30062 - Drafter/CAD Operator II	22.75
30063 - Drafter/CAD Operator III	25.36
30064 - Drafter/CAD Operator IV	31.21
30081 - Engineering Technician I	18.23
30082 - Engineering Technician II	20.47
30083 - Engineering Technician III	23.23
30084 - Engineering Technician IV	28.83
30085 - Engineering Technician V	35.18
30086 - Engineering Technician VI	42.58
30090 - Environmental Technician	21.49
30210 - Laboratory Technician	25.35
30240 - Mathematical Technician	28.18
30361 - Paralegal/Legal Assistant I	19.08
30362 - Paralegal/Legal Assistant II	23.64
30363 - Paralegal/Legal Assistant III	28.92
30364 - Paralegal/Legal Assistant IV	34.64
30390 - Photo-Optics Technician	28.18
30461 - Technical Writer I	21.76
30462 - Technical Writer II	26.62
30463 - Technical Writer III	34.22
30491 - Unexploded Ordnance (UXO) Technician I	24.25
30492 - Unexploded Ordnance (UXO) Technician II	29.35
30493 - Unexploded Ordnance (UXO) Technician III	35.17
30494 - Unexploded (UXO) Safety Escort	24.25
30495 - Unexploded (UXO) Sweep Personnel	24.25
30620 - Weather Observer, Combined Upper Air Or (see 3)	25.36
Surface Programs	
30621 - Weather Observer, Senior (see 3)	28.18
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	15.22
31030 - Bus Driver	19.16
31043 - Driver Courier	18.13
31260 - Parking and Lot Attendant	10.54
31290 - Shuttle Bus Driver	19.00
31310 - Taxi Driver	12.01
31361 - Truckdriver, Light	19.00
31362 - Truckdriver, Medium	19.28
31363 - Truckdriver, Heavy	19.99
31364 - Truckdriver, Tractor-Trailer	19.99
99000 - Miscellaneous Occupations	
99030 - Cashier	11.80
99050 - Desk Clerk	12.64
99095 - Embalmer	33.77
99251 - Laboratory Animal Caretaker I	11.48
99252 - Laboratory Animal Caretaker II	12.25
99310 - Mortician	34.20
99410 - Pest Controller	17.02
99510 - Photofinishing Worker	14.65
99710 - Recycling Laborer	18.72
99711 - Recycling Specialist	21.14
99730 - Refuse Collector	17.57
99810 - Sales Clerk	12.43
99820 - School Crossing Guard	11.48
99830 - Survey Party Chief	20.60
99831 - Surveying Aide	12.23

99832 - Surveying Technician	18.07
99840 - Vending Machine Attendant	14.45
99841 - Vending Machine Repairer	16.98
99842 - Vending Machine Repairer Helper	14.45

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$4.02 per hour or \$160.80 per week or \$696.79 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of

the rate of basic pay.

3) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form

1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

Section K - Representations, Certifications and Other Statements of Offerors

CLAUSES INCORPORATED BY FULL TEXT

52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (DEC 2014)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 238210.

(2) The small business size standard is \$15,000,000.00.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b)(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7 is not included in this solicitation, and the offeror is currently registered in System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

() Paragraph (d) applies.

() Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c) (1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless—

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that—

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

- (C) Are for contracts that will be performed in the United States or its outlying areas.
- (v) 52.209-2; Prohibition on Contracting with Inverted Domestic Corporations--Representation.
- (vi) 52.209-5; Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.
- (vii) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.
- (viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.
- (ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.
- (A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.
- (B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.
- (x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.
- (xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.
- (xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.
- (xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.
- (xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.
- (xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA- designated items.
- (xvi) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.
- (xvii) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225- 3.
- (A) If the acquisition value is less than \$25,000, the basic provision applies.
- (B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.
- (C) If the acquisition value is \$50,000 or more but is less than \$79,507, the provision with its Alternate II applies.

(D) If the acquisition value is \$79,507 or more but is less than \$100,000, the provision with its Alternate III applies.

(xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xx) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran—Representation and Certification. This provision applies to all solicitations.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following certifications are applicable as indicated by the Contracting Officer:

[Contracting Officer check as appropriate.]

(i) 52.204-17, Ownership or Control of Offeror.

(ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

(iii) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.

(iv) 52.222-52 Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.

(v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

(vi) 52.227-6, Royalty Information.

(A) Basic.

(B) Alternate I.

(vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through <https://www.acquisition.gov>. After reviewing the SAM database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause	Title	Date	Change
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Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on SAM.

(End of provision)

52.219-1 SMALL BUSINESS PROGRAM REPRESENTATIONS (OCT 2014)

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

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

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(b)(1) The North American Industry Classification System (NAICS) code for this acquisition is 238210.

(2) The small business size standard is \$15,000,000.00.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(c) Representations. (1) The offeror represents as part of its offer that it [___] is, [___] is not a small business concern. (2) [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it [___] is, [___] is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

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

(4) Women-owned small business (WOSB) concern eligible under the WOSB Program. [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(3) of this provision.] The offeror represents as part of its offer that--

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

(ii) It [___] is, [___] is not a joint venture that complies with the requirements of 13 CFR part 127, and the

representation in paragraph (c)(4)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture: ____ --.] Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(5) Economically disadvantaged women-owned small business (EDWOSB) concern. [Complete only if the offeror represented itself as a women-owned small business concern eligible under the WOSB Program in (c)(4) of this provision.] The offeror represents as part of its offer that--

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

(ii) It [____] is, [____] is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(5)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture: ____ --.] Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

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

(7) [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(6) of this provision.] The offeror represents as part of its offer that it [____] is, [____] is not a service-disabled veteran-owned small business concern.

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

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

(ii) It [____] is, [____] is not a HUBZone joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (c)(8)(i) of this provision is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [The offeror shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: ____ --.] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Notice.

(1) If this solicitation is for supplies and has been set aside, in whole or in part, for small business concerns, then the clause in this solicitation providing notice of the set-aside contains restrictions on the source of the end items to be furnished.

(2) Under 15 U.S.C. 645(d), any person who misrepresents a firm's status as a business concern that is small, HUBZone small, small disadvantaged, service-disabled veteran-owned small, economically disadvantaged women-owned small, or women-owned small eligible under the WOSB Program in order to obtain a contract to be awarded under the preference programs established pursuant to section 8, 9, 15, 31, and 36 of the Small Business Act or any other provision of Federal law that specifically references section 8(d) for a definition of program eligibility, shall—

(i) Be punished by imposition of fine, imprisonment, or both;

(ii) Be subject to administrative remedies, including suspension and debarment; and

(iii) Be ineligible for participation in programs conducted under the authority of the Act.

(End of provision)

52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (JULY 2013)

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

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts--

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards>.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the representation required by paragraph (b) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The

Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it () is, () is not a small business concern under NAICS Code 238210- assigned to contract number N40085-15-Q-7532.

(Contractor to sign and date and insert authorized signer's name and title).

(End of clause)

SUMMARY OF ATTACHMENTS:

- ATTACHMENT 1 - ACTIVITY HAZARD ANALYSIS
- ATTACHMENT 2 - CONTRACTOR PRODUCTION
- ATTACHMENT 3 - LIST OF EQUIPMENT
- ATTACHMENT 4 - TECHNICAL REQUIREMENTS
- ATTACHMENT 5 - CONTRACTOR QUALITY CONTROL REPORT
- ATTACHMENT 6 - SAMPLE RELAY TEST-CALIBRATION REPORT FORM
- ATTACHMENT 7 - SAMPLE CIRCUIT BREAKER TEST REPORT
- ATTACHMENT 8 - SAMPLE BATTERY TEST REPORT
- ATTACHMENT 9 - SAMPLE TRANSFORMER OIL ANALYSIS TEST REPORT

- ATTACHMENT 10 - PROPOSAL SHEET (TO BE COMPLETED AND SUBMITTED WITH QUOTE)

Activity Hazard Analysis (AHA)

Activity/Work Task:	Overall Risk Assessment Code (RAC) (Use highest code)					
Project Location:	Risk Assessment Code (RAC) Matrix					
Contract Number:	Severity	Probability				
Date Prepared:		Frequent	Likely	Occasional	Seldom	Unlikely
Prepared by (Name/Title):	Catastrophic	E	E	H	H	M
Reviewed by (Name/Title):	Critical	E	H	H	M	L
	Marginal	H	M	M	L	L
	Negligible	M	L	L	L	L
Notes: (Field Notes, Review Comments, etc.)	Step 1: Review each "Hazard" with identified safety "Controls" and determine RAC (See above)					
	"Probability" is the likelihood to cause an incident, near miss, or accident and identified as: Frequent, Likely, Occasional, Seldom or Unlikely.				RAC Chart	
	"Severity" is the outcome/degree if an incident, near miss, or accident did occur and identified as: Catastrophic, Critical, Marginal, or Negligible				E = Extremely High Risk	
	Step 2: Identify the RAC (Probability/Severity) as E, H, M, or L for each "Hazard" on AHA. Annotate the overall highest RAC at the top of AHA.				H = High Risk	
	M = Moderate Risk				L = Low Risk	
Job Steps	Hazards	Controls			RAC	
Equipment to be Used	Training Requirements/Competent or Qualified Personnel name(s)	Inspection Requirements				

The AHA shall be reviewed and modified as necessary to address changing site conditions, operations, or change of competent/qualified person's

01.A.13 Contractor-Required AHA. Before beginning each work activity involving a type of work presenting hazards not experienced in previous project operations or where a new work crew or subcontractor is to perform the work, the Contractor(s) performing that work activity shall prepare an AHA. > *See Figure 1-2 for an outline of an AHA. An electronic version AHA may be found on the HQUSACE Safety Office Website.*

a. AHAs shall define the activities being performed and identify the work sequences, the specific anticipated hazards, site conditions, equipment, materials, and the control measures to be implemented to eliminate or reduce each hazard to an acceptable level of risk.

b. Work shall not begin until the AHA for the work activity has been accepted by the GDA and discussed with all engaged in the activity, including the Contractor, subcontractor(s), and Government on-site representatives at preparatory and initial control phase meetings.

c. The names of the Competent/Qualified Person(s) required for a particular activity (for example, excavations, scaffolding, fall protection, other activities as specified by OSHA and this manual) shall be identified and included in the AHA. Proof of their competency/qualification shall be submitted to the GDA for acceptance prior to the start of that work activity.

d. The AHA shall be reviewed and modified as necessary to address changing site conditions, operations, or change of competent/qualified person(s).

(1) If more than one Competent/Qualified Person is used on the AHA activity, a list of names shall be submitted as an attachment to the AHA. Those listed must be Competent/Qualified for the type of work involved in the AHA and familiar with current site safety issues.

(2) If a new Competent/Qualified Person (not on the original list) is added, the list shall be updated (an administrative action not requiring an updated AHA). The new person shall acknowledge in writing that he or she has reviewed the AHA and is familiar with current site safety issues.

ATTACHMENT 3

LIST OF EQUIPMENT

The equipment to be serviced is located at the three (3) Main Substations and consists of the following:

I. Substation No. 1 - consists of a walk-in type metal substation enclosing nine (9) circuit breaker cubicles, (1) main PT cubicle, one (1) CPT cubicle and one (1) low voltage panelboard/monitoring system display cubicle with hinged doors front and rear and the following equipment:

- a. 12.47 KV bus fed from one (1) Virginia Transformer 15,000/20,000 KVA (OA/FA), 69 KV - 12.47/7.2 KV, oil-insulated, outdoor transformers.
- b. Seven (7) Westinghouse vacuum circuit breakers, type Type 150 VCP-W 500, Style 3776A20G01, Rtd 15 KV, BIL 95 KV, Rtd Cont. Amps 1200 A, Hertz 60, Rtd SCA 18 KA, K-factor 1.30, Interr. Time 5 Cycles, C&L 37 KA.
- c. One (1) Westinghouse vacuum circuit breakers, type Type 150 VCP-W 500, Style 3A73950G01, Rtd 15 KV, BIL 95 KV, Rtd Cont. Amps 1200 A, Hertz 60, Rtd SCA 18 KA, K-factor 1.30, Interr. Time 5 Cycles, C&L 62 KA.
- d. Twenty-eight (28) Basler Electric overcurrent relays (OCR's) Type BE1-50/51B-107.
- e. Four (4) Basler Electric overcurrent relays (OCR's) Type BE1-50/51B-105.
- f. Three (3) General Electric (G.E.) Phase Directional OCR's, Type JBC, Model 12JBC53M1A.
- g. One (1) G.E. Ground Directional OCR's, Type JBCG, Model 12JBCG53M9A.
- h. One (1) Control Transformer, 25 KVA, 12.47 KV-120/240 volts.
- i. Four (4) Batteries, Werker Model No. WKA12-55c/FR, sealed non-spillable.
- j. One (1) Constant Power Manufacturing Company Battery Charger Model No. USG-120-48-10.
- k. Miscellaneous control circuit fuses, heaters, fused (low voltage) switches and meters.

II. Substation No. 2 consists of a walk-in type metal substation enclosing twelve (12) switchgear cubicles with hinged doors front and rear and the following equipment:

- a. 12.47 KV bus fed from two (2) Virginia Transformers 3750 KVA, 69 KV - 12.47/7.2 KV, oil-insulated, outdoor transformers.
- b. Eight (8) Square D medium voltage circuit breakers, type VR, rated 1200 amperes, 15 KV max., 500 MVA.
- c. Two (2) Square D protective relays Type S42 sepam.
- d. Six (6) Square D protective relays Type S23 sepam.
- e. One (1) Schweitzer Engineering Lab, overcurrent and differential relay Type SEL387.
- f. Four (4) instrument transformers, voltage transformers, 12,470:120V, 1500va, Type PTG-5.
- g. Two (2) instrument transformers, control power, 1 phase 25 KVA, 12,470V-240/120V.
- h. Eight (8) Powersafe 3 cell Type 3cc-9m cat# 602074-cw 200 ah ventilated batteries.

- i. One (1) handle power model AT0048025F2405 Battery charger.
- j. Miscellaneous control circuit fuses, contactors, heaters, low voltage circuit breakers, meters and heat/ac units.

III. Substation No. 3 - consists of a walk-in type metal substation enclosing nine (9) circuit breaker cubicles and one (1) CPT/PT cubicle with hinged doors front and rear and the following equipment:

- a. 12.47 KV bus fed from one (1) General Electric 10,000 KVA, 66 KV - 12.47/7.2 KV, oil-insulated, outdoor transformer.
- b. Five (5) General Electric (G.E.) Power Vac vacuum circuit breakers, type VB1-13.8-500-1, rated 1200 Amperes, 15 KV Max, 500 MVA.
- c. Fifteen (15) GE time overcurrent relays, type IFC, Model No. 12IFC53B1A.
- d. Five (5) GE time Overcurrent Relays, type IFC, Model No. 12IFC53B2A.
- e. One (1) Control Transformer, 15 KVA, 12.47 KV - 120/240 volts.
- f. Thirty-Seven (37) nickel/cadmium battery cells.
- g. One (1) SAB NIFE battery charger, Model NO. SCB 102-48-15.
- h. Miscellaneous control circuit fuses, heaters, fused (low voltage) switches and meters.
- i. One (1) general electric power vac vacuum circuit breaker.
- j. Four (4) GE time overcurrent relays, type IFC, Model 12IFC53B2A
- k. One (1) Enersys Battery Charger, Model AT10048016F120SX.

Attachment 4

CONTRACT TECHNICAL REQUIREMENTS

Section 1 - General Requirements: Service shall be provided as detailed hereinafter, and in all cases, shall be performed in strict accordance with applicable equipment manufacturer's servicing instructions. Repair parts, cleaners and lubricants where required shall be exact replacement or recommended parts when available or as approved by the ACO. Equipment shall be serviced only by personnel properly trained and equipped. Test equipment and tools used to test, adjust or calibrate relays shall be specifically designed for that purpose. Only one relay may be removed from each substation cubicle at a time in order to maintain protection during testing. Any switching operations that may be required will be performed by the Government; the contractor shall not perform any switching operations. Any work requiring a power shutdown shall be accomplished during other than normal working hours and at the convenience of the government. Contractor shall request any necessary power shutdowns at least 15 days prior to the requested date of the shutdown. Contractor working with Public Works Utility Division will be responsible for lock out, tag out of all Electrical circuits and associated circuits. Contractor will be responsible for testing for "no voltage" and applying Safety Grounds per NAVFAC MIDLANT Control of Hazardous Electrical Energy Lock out/ Tag Out. A list of equipment to be serviced at each substation is included as attachment 3.

Section 2 - Relay Service Requirements:

- a) Each relay shall be removed and visually inspected for the following: loose, broken or missing hardware; filings or other foreign material in magnet gaps; burned or dirty contacts; sticky contact backstops; worn or broken bearings; damaged coils, resistors or wiring; damaged or maladjusted indicator targets or holding devices; cracked or damaged cover gasket, frame or glass. The electronic relays shall also be visually inspected for signs of damage from overheating of components.
- b) Glass shall be cleaned thoroughly inside and out and cover gasket shall be replaced if cracked dry or brittle.
- c) Any rust or filings from disc or magnet poles shall be removed with a magnet cleaner or brush. Foreign material such as dust shall be removed from the relay using low pressure, dry compressed air. Clearance between magnet poles shall be checked and adjusted as necessary.
- d) Any moisture shall be completely removed, if present, and relays shall be lubricated per manufacturer's instructions.
- e) Pitted or burned contacts shall be cleaned or replaced as required. Contacts shall be cleaned only with the manufacturer's recommended burnishing tool.
- f) All relays shall be electrically tested with current and an accurate timing device and adjusted as necessary if found out of manufacturer's tolerances. Settings shall remain the same as existing or as indicated. Relays shall be checked and adjusted for the following as applicable for each phase and ground: Zero set, time overcurrent pickup/dropout (test at 100, 200% and 300% of tap setting and compare for accuracy with manufacturer's time-current curves), instantaneous overcurrent pickup, target operation, seal-in operation and other criteria as recommended by the manufacturer and as necessary to complete the required report.

- g) Furnish a written report to include the following information as a minimum for each relay: the condition of each relay prior to servicing; action taken (cleaning, lubrication, repairs, etc.); and condition following maintenance service. A typewritten relay test/calibration report shall also be submitted for each relay in a similar format to example included as **Attachment 6 - Sample Relay Test-Calibration Form.**

Section 3 - Medium Voltage (15 Kv class) Air Circuit Breaker Service

Requirements:

- a) Each Circuit Breaker shall be removed from its cubicle. Circuit breaker shall be inspected for broken, worn, loose or missing lock washers, cotter pins, springs and other hardware. All control connections shall be inspected for tightness, continuity and damaged insulation. Defects discovered during this inspection shall be corrected by adjustments, repair or replacement as required.
- b) Contacts shall be inspected for burning, pitting, alignment, pressure and contact sequence. Contacts shall be replaced if there is any evidence of burning or pitting. Otherwise, they shall be cleaned, adjusted or repaired as required. Measure and record contact resistance.
- c) Arc chutes shall be removed and inspected for loose, broken or missing parts and repaired or replaced as warranted.
- d) Circuit Breakers shall be thoroughly cleaned both inside and out, lubricated and adjusted according to manufacturer's instructions.
- e) Circuit Breakers shall be checked for insulation resistance with a 2500 volt megger and the reading recorded.
- f) Furnish typewritten report in accordance with **Attachment 7 - Sample Circuit Breaker Test Report.**

Section 4 - Medium Voltage (15 KV class) Vacuum circuit breakers

- a) Each Circuit Breaker shall be removed from its cubicle. Circuit breaker shall be inspected for broken, worn, loose or missing lock washers, cotter pins, springs and other hardware. All control connections shall be inspected for tightness, continuity and damaged insulation. Defects discovered during this inspection shall be corrected by adjustments, repair or replacement as required.
- b) Contacts shall be inspected for erosion.
- c) Vacuum integrity shall be checked.
- d) Circuit Breakers shall be thoroughly cleaned both inside and out, lubricated and adjusted according to manufacturer's instructions.
- e) Circuit Breakers shall be checked for insulation resistance and contact resistance and the readings recorded.
- f) All maintenance and testing of vacuum circuit breakers shall be performed in accordance with manufacturer's directions as specified in Instruction Book NO. GEK-86132.
- g) Furnish typewritten report in accordance with **Attachment 7 - Sample Circuit Breaker Test Report.**

Section 5 - Cubicle Maintenance

- a) Each cubicle shall be thoroughly wiped clean using a solvent or degreaser as necessary to remove dust, dirt and oils. Large debris such as paint chips shall be picked up with a vacuum cleaner. Cleaning shall be performed with circuit breakers removed and all movable panels in the open position.
- b) Both front and rear cubicle doors shall be lubricated at hinges, handles and locks to insure free and quiet operation.
- c) Cubicles shall be inspected during cleaning and lubrication for the following: loose, missing or broken hardware; defective or damaged meters; loose control connections; damaged insulation or loose tape around stress cones and terminations. Defects discovered during the above inspection shall be repaired where practical.
- d) All switches and/or pushbuttons used to trip or charge the circuit breakers or select meter settings, shall be cleaned, lubricated, and exercised to insure good electrical and mechanical operation.
- e) All indicating lights and light sockets shall be inspected, tested and replaced as required.
- f) All control circuit fuses and low voltage circuit breakers shall be tested and replaced where defective.

Section 6 - Batteries and chargers

- a) Batteries shall be checked for electrolyte level, specific gravity and voltage. Electrolyte level shall be adjusted as necessary in accordance with the manufacturer's instructions.
- b) Batteries, battery trays and racks shall be thoroughly cleaned to remove all dust, dirt or electrolyte residue.
- c) All battery connections shall be inspected, cleaned, and tightened.
- d) Battery chargers shall be checked for proper operation. The float and equalize charge levels shall be adjusted to manufacturer's recommended settings.
- e) Furnish typewritten report in accordance with **Attachment 8 - Sample Battery Test Report.**

Section 7 - Transformer Oil Analysis

Obtain oil sample from each substation transformer and perform examination and tests as indicated below:

- a) Color/visual inspection, Average dielectric strength, Neutralization number, Specific Gravity, Power Factor, Polychlorinated Biphenyl (PCB) content, and Water content.
- b) Dissolved Gas-in-Oil Analysis by Gas Chromatography to indicate the content in parts per million (PPM) of the following gases: Hydrogen, Acetylene, Methane, Ethylene, Ethane, Carbon Monoxide and Carbon dioxide.

- c) Furnish typewritten report in accordance with **Attachment 9 - Sample Transformer Oil Analysis Test Report.**

Section 8 - Miscellaneous Equipment/Repair Parts

- a) Miscellaneous items such as control transformers, contactors, lockout relay, automatic throwover panel, etc. shall be visually inspected, cleaned, lubricated and tested as part of the maintenance program.
- b) **Repair items under \$200.00 for each sub-station shall be provided and installed as part of this contract at no additional cost to the Government.** Repair items totaling over \$200.00 for each sub-station will be identified and customer has the option to authorize purchase/repair using the negotiated Material/Labor % mark-up line item 0002.

Section 9 - Reports

Bind all reports required by above paragraphs into a single volume and submit four (4) bound copies. Typewritten reports shall be submitted within fourteen (14) days after the maintenance service has been completed.

Section 10 - Acceptance

The performance and quality of work delivered by the contractor, including services rendered and any documentation or written material compiled, shall be subject to inspection, review and acceptance by the Government.

END OF ATTACHMENT 4

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE _____
REPORT NO _____

PHASE	CONTRACT NO	CONTRACT TITLE
-------	-------------	----------------

PREPARATORY	WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

INITIAL	WAS INITIAL PHASE WORK PREFORMED TODAY? YES <input type="checkbox"/> NO <input type="checkbox"/>	
	IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.	
	Schedule Activity No.	Definable Feature of Work

FOLLOW-UP	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input type="checkbox"/> NO <input type="checkbox"/>	
	WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input type="checkbox"/> NO <input type="checkbox"/>	
	Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.	
Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

AUTHORIZED QC MANAGER AT SITE

DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE _____

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT	
Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER

DATE

RELAY TEST/CALIBRATION REPORT FORM

CUSTOMER: Naval Support Activity REPORT NO: _____
Mechanicsburg, PA
PROJECT: Maintenance Service DATE OF TEST: _____
LOCATION: Mechanicsburg, PA

RELAY TEST REPORT

CIRCUIT IDENTIFICATION:

RELAY: _____ TYPE: _____ MFGR: _____

RANGE: _____ INSTANT RANGE: _____ TAP SET AT: _____

TIME DIAL SET: _____ INSTANT UNIT SET: _____ SEAL IN: _____

PHASE A RELAY: PICK UP TEST: _____ DROP OUT: _____

TESTED: 200% OF TAP SETTING: _____ TIME TO TRIP: _____

300% OF TAP SETTING: _____ TIME TO TRIP: _____

INSTANT UNIT TEST: Found ____ Left ____ AMPS. TIME TO TRIP: _____

PHASE B RELAY: PICK UP TEST: _____ DROP OUT: _____

TESTED: 200% OF TAP SETTING: _____ TIME TO TRIP: _____

300% OF TAP SETTING: _____ TIME TO TRIP: _____

INSTANT UNIT TEST: Found ____ Left ____ AMPS. TIME TO TRIP: _____

PHASE C RELAY: PICK UP TEST: _____ DROP OUT: _____

TESTED: 200% OF TAP SETTING: _____ TIME TO TRIP: _____

300% OF TAP SETTING: _____ TIME TO TRIP: _____

INSTANT UNIT TEST: Found ____ Left ____ AMPS. TIME TO TRIP: _____

GROUND RELAY: PICK UP TEST: _____ DROP OUT: _____

TESTED: 200% OF TAP SETTING: _____ TIME TO TRIP: _____

300% OF TAP SETTING: _____ TIME TO TRIP: _____

INSTANT UNIT TEST: Found ____ Left ____ AMPS. TIME TO TRIP: _____

REMARKS:

N40085-15-C-7611

Attachment 7

CIRCUIT BREAKER TEST REPORT

CIRCUIT DESIGNATION: _____

MANUFACTURER: _____

VOLTAGE CLASS: _____

SERIAL NUMBER: _____

TYPE: _____

AMPERE RATING: _____

NO. OF OPERATIONS: _____

CONTACT RESISTANCE: PHASE A: _____

PHASE B: _____

PHASE C: _____

INSULATION RESISTANCE: TEST VOLTAGE: _____

PHASE A TO B: _____ C: _____ GROUND: _____

PHASE B TO A: _____ C: _____ GROUND: _____

PHASE C TO A: _____ B: _____ GROUND: _____

REMARKS: _____

N40085-15-C-7611

Attachment 8

BATTERY TEST REPORT

SUBSTATION NO. 1

BUS VOLTS: _____

CELL NO.: _____ FLUID LEVEL: _____ SPECIFIC GRAVITY: _____

VOLTS: _____

SUBSTATION NO. 2

BUS VOLTS: _____

CELL NO.: _____ FLUID LEVEL: _____ SPECIFIC GRAVITY: _____

VOLTS: _____

SUBSTATION NO. 3

BUS VOLTS: _____

CELL NO.: _____ FLUID LEVEL: _____ SPECIFIC GRAVITY: _____

VOLTS: _____

N40085-15-C-7611

Attachment 9

SAMPLE TRANSFORMER OIL ANALYSIS TEST REPORT

TRANSFORMER DESIGNATION: _____

COLOR/VISUAL: _____
AVERAGE DIELECTRIC STRENGTH: _____
NEUTRALIZATION NO.: _____
SPECIFIC GRAVITY: _____
POWER FACTOR (%): _____
PCB CONTENT (PPM): _____
WATER (PPM): _____

DISSOLVED GAS-IN-OIL ANALYSIS BY GAS CHROMATOGRAPHY:

<u>GAS</u>	<u>PPM</u>
HYDROGEN (H2)	
ACETYLENE (C2H2)	
METHANE (CH4)	
ETHYLENE (C2H4)	
ETHANE (C2H6)	
CARBON MONOXIDE (CO)	
CARBON DIOXIDE (CO2)	

REMARKS: _____

Contractor Bid Sheet

N40085-15-O-7532

SCHEDULE

<u>Item</u>	<u>Supplies/Services</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Total Amount</u>
0001	<u>FIRM FIXED-PRICE LUMP SUM WORK:</u> Price for labor, material and supplies to perform work for all work specified in Section 1.1b, sub-sections 1-7 of the Statement of Work for the performance of the following:				
A001	Relay maintenance, per relay: Remove, clean, lubricate calibrate, set, test, and reinstall 99 Relays in accordance with Attachment 4, Section 2.	68	EA		
A002	Vacuum circuit breaker maintenance, per circuit breaker: Remove from cubicle, clean, inspect, lubricate, test insulation resistances, test vacuum integrity, adjust, reinstall in cubicle and exercise in accordance with Attachment 4, Section 4.	23	EA		
A003	Cubicle maintenance, per cubicle: Clean entire cubicle; inspect, lubricate and exercise all moving parts and switch contacts; inspect all control wiring, control devices and contacts; inspect high voltage connections; and inspect/reinstall indicator lights in accordance with Attachment 4, Section 5.	46	EA		
A004	Substation battery banks and charger maintenance: Inspect electrolyte level; inspect, clean and tighten all battery connections; adjust charge rates, and electrolyte as required; and test capacity in accordance with Attachment 4, Section 6..	3	EA		
A005	Transformer Oil Sample: Inspect and test transformer insulating oil in accordance with Attachment 4, Section 7.	4	EA		
A006	Inspection Reports: Provide type written inspection report for all items in accordance with Attachment 4, Sections 2 through 8.	1	EA		
A007	Doble Testing: Perform Power Dissipation Factor Testing on two (4) High Voltage Transformers and associated six (12) lightning arrestors in accordance with Section 1.1b, Sub-Section 6 of the Statement of Work.	4	EA		
ESTIMATED TOTAL PRICE FOR FIRM FIXED CONTRACT LINE ITEM 0001: _____					
0002	<u>MATERIAL / PARTS MARK-UP WORK:</u>				
A008	Miscellaneous Equipment/Repair Parts: Materials/Parts with Mark-up for repairs and / or replacement of equipment found deficient during maintenance (performed using the firm fixed item 001) and authorized to be replaced by the customer to correct the deficiency (over \$200.00) In accordance with Section 1.6b Sub-Section 8 of the Statement of Work and Attachment 4, Section 8.	\$2,000	PCT		
ESTIMATED TOTAL PRICE FOR MATERIAL / PARTS MARK-UP FOR CONTRACT LINE ITEM 0002: _____					
<u>ESTIMATED TOTAL PRICE FOR FIRM FIXED CONTRACT LINE ITEM 0001 & 0002:</u> _____					