

| 0100000 – General Information |                     |   |
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| Spec Item                     | Title               | Description   |
| 1                             | General Information |   |
| 1.1                           | Outline of Services | <p>Except where otherwise stated, the Contractor shall furnish all labor, supervision, management, tools, materials, equipment, facilities, transportation, incidental engineering, and other items necessary to provide the services outlined below and described in this Performance Work Statement (PWS) at Naval Support Activity (NSA) Annapolis, Maryland by means of a combination firm-fixed price (FFP) and indefinite delivery-indefinite quantity (IDIQ) work contract. The PWS is organized into annexes. Annex 1 is "General Information". Annex 2 contains the on-site project management and administration requirements. Annexes 3 through 18 contain the technical requirements.</p> <p>Annex 1 General Information<br/>                     Annex 2 Management and Administration<br/>                     Annex 3 Command and Staff – N/A<br/>                     Annex 4 Public Safety – N/A<br/>                     Annex 5 Air Operations – N/A<br/>                     Annex 6 Port Operations – N/A<br/>                     Annex 7 Ordnance – N/A<br/>                     Annex 8 Range Operations – N/A<br/>                     Annex 9 Health Care Support – N/A<br/>                     Annex 10 Supply – N/A<br/>                     Annex 11 Personnel Support – N/A<br/>                     Annex 12 Morale, Welfare and Recreation Support – N/A<br/>                     Annex 13 Galley – N/A<br/>                     Annex 14 Housing – N/A<br/>                     Annex 15 Facilities Support<br/>                         1502000 Facility Investment<br/>                         1503020 Pest Control<br/>                         1503030 Refuse Collection and Recycling<br/>                         1503040 Other – Special Events<br/>                         1503060 Street Sweeping &amp; Snow Removal<br/>                     Annex 16 Utilities<br/>                         1601000 Chiller<br/>                         1602000 Electrical<br/>                         1603000 Gas<br/>                         1604000 Wastewater<br/>                         1605000 Steam<br/>                         1606000 Water<br/>                     Annex 17 Base Support Vehicles and Equipment<br/>                     Annex 18 Environmental – N/A</p> |

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| 1.2                           | Project Location                        | <p>The NSA Annapolis and the United States Naval Academy are located in Annapolis, Maryland, 35 miles east of Washington, D.C. and 26 miles south of Baltimore, Maryland. Accurate directions can be found in the Public Affairs Officer section of the U.S. Naval Academy website (<a href="http://www.usna.edu">www.usna.edu</a>). The main Naval Academy campus, adjacent to downtown Annapolis, is known as "The Yard". The extended area of NSA Annapolis, all of which is covered under the scope of this PWS, includes:</p> <ul style="list-style-type: none"> <li>• The Yard</li> <li>• North Severn Complex</li> <li>• Perry Center, Water Treatment Plant and Central Heating Plant, and South Severn swimming pool located outside Gate 8</li> <li>• Dairy Farm</li> <li>• Navy Operational Support Center (NOSC) Baltimore, located in Baltimore, MD</li> </ul>  |
| 1.3                           | Background Information                  | <p>Established in 1845, the Naval Academy is the undergraduate college for the Navy that prepares young men and women to become professional officers in the U.S. Navy and Marine Corps. The Mission of the Naval Academy is:</p> <p style="padding-left: 40px;">"To develop midshipmen morally, mentally and physically and to imbue them with the highest ideals of duty, honor and loyalty in order to provide graduates who are dedicated to a career of naval service and have potential for future development in mind and character to assume the highest responsibilities of command, citizenship and government."</p>   |
| 1.4                           | Verification of Workload and Conditions | <p>Throughout the PWS, the workload data is generally referred to as being located in Section J. Section J provides data such as maps, floor plans, and tables to represent the type, quantity and location of services to be provided. However, offerors are encouraged to visit the project site during the site visit for offerors and to visit the technical library during posted hours as part of its due diligence to assess the nature of work and conditions under which work is to be performed.</p>   |
| 1.5                           | Climate Patterns                        | <p>Average Temperatures: January, 35.5° F; July, 85.2° F<br/>Average Annual Precipitation: 39.03 inches of rain; 14.4 inches of snow</p>   |
| 1.6                           | Related Information                     | <p>There are four types of Related Information that can be found in the Description and Related Information columns of the specification as follows:</p> <p>Informational Notes as used throughout this PWS provides additional information to offerors to be used in developing a thorough understanding of the work to be performed in this contract. Any block of text marked "Informational Notes" throughout Annexes 1 through 18 is subject to this disclaimer. Offerors may not rely upon the "Informational Notes" as material representations of the Government. Information provided in "Informational Notes" does not create a contractual requirement on either party to this contract.</p> <p>Clarifying Information describes client expectations in a more detailed manner than the Performance Objective and Performance standard alone.</p> <p>Constraining Information describes limitations to the work performed to meet the Performance Objective and Performance Standard.</p> |

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|                                      |                                      | Requirement Information further describes client requirements associated with each Performance Objective.  |
| 1.7                                  | Navy Approach to Service Contracting | The Department of Navy (DoN) spends over \$1 billion in annual obligations to meet global requirements for facility operations and maintenance provided through Facility Support Contracts (FSC) and additional billions to provide other base operations support services (OBOS). The Head of the Contracting Activity (HCA) of the Naval Facilities Engineering Command (NAVFAC) has focused increased attention on re-engineering FSC contracts in response to customer and industry feedback, budget constraints, and the impact of a variety of contracting, program management and financial management regulations. The Navy also supports the following principles:  |
| 1.7.1                                | Partnering Philosophy                | The first principle is that the Navy views its contractors as partners and not just abstract service providers. The Navy wants its contractors to succeed because partners' success drives the Navy's successful mission completion. Within the bounds of acquisition policy the Navy intends to work to find solutions that will be beneficial to both the Government and its partners.   |
| 1.7.2                                | Contractor's Knowledge               | The second principle is that the Navy will receive insightful management from its contractors. This management will include the knowledge, skills, authority and willingness to use contractor resources to find better ways of serving Navy clients' strategic and operational goals and objectives. The Navy's use of performance-based objectives evidences this principle. Although performance work statements will typically contain several levels of performance assessment, the Navy wants its contractors to exercise maximum discretion within bounds of prudent risk management to adjust processes and resources needed to reach specified objectives at the highest performance level.   |
| 1.7.3                                | Industry Best Practices              | The third principle is that the Navy will adopt industry best commercial practices and maintain state-of-the-art service delivery. It is the Navy's and contractor's responsibility as partners to reach this goal. To that end, the Navy's emphasis will be in evaluating performance objectives (end results).   |
| 1.8                                  | Standard Template                    | <p>Key to implementing a programmatic approach is using a standard template that ensures Navy-wide consistency yet affords appropriate tailoring to meet local needs. This contract conforms to the standard template and has been tailored for this solicitation. NAVFAC intends to use this template-based approach for future service contracts. Offerors should develop an understanding of the template as part of performing due diligence in reaching an understanding of the Navy's requirements and expectations.</p> <p>The standard template contains 18 standard annexes. Annex 1 will always contain information that is relevant to the entire scope of the contract. Annex 2 contains on-site project management and administration requirements that are relevant to the entire scope of the contract. Annexes 3 through 18 contain the technical information and requirements peculiar to that technical annex. Within each technical annex, the organization of information and requirements are also standardized. Specification item 1 will always contain General Information. Specification item 2 will always contain the management and administrative requirements. Specification item 3 will always contain the Firm Fixed-Price (FFP) requirements. Specification item 4 will always contain the Indefinite Delivery-Indefinite Quantity (IDIQ) requirements. All costs associated with Annexes 1 and 2 and Specification items 1 and 2 must be priced and distributed within Specification Item 3 of Annexes 3 through 18.</p> |

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| 1.9                                  | Navy PBSC Approach               | The Navy's approach to performance-based service contracting (PBSC) includes four component parts which are 1) performance outcomes, 2) measurable standards, 3) consideration of incentives, and 4) performance assessment plan.   |
| 1.10                                 | Technical Proposal Certification | The contractor warrants that its proposal incorporated herein by reference including, but not limited to, proposed approaches, staffing, methodology, or work plans, will meet the performance objectives set forth in this contract during execution thereof. The contractor is not excused from meeting such performance objectives in the event such proposal proves inadequate as conceived or executed to meet such performance objectives. The contractor understands that it bears all of the cost and performance risk associated with adopting acceptable additional (and/or alternative) means or methods of meeting the performance objective. |

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| <b>Spec Item</b>                               | <b>Title</b>                               | <b>Description</b>  |
| 2  | Management and Administration              |   |
| 2.1  | Definitions and Acronyms                   | See J-0200000-01 for Acronyms.  |
| 2.1.1  | As-built drawings                          | Architectural drawings or data models that have been validated by a site visit to ensure that they match the actual configuration.  |
| 2.1.2  | As-Is Condition                            | The present state of an object at the time it is evaluated, given, received, or exchanged.  |
| 2.1.3  | Bancroft Hall                              | The midshipmen dormitory. Noted as one of the largest inter-connected dormitories in the country. Houses 4,500 midshipmen in 8 interconnected wings. 32 acres of floor space and 4.8 miles of corridors.  |
| 2.1.4  | Breakdown                                  | The stoppage or collapse of equipment of a facility, or a component thereof, that requires immediate corrective action to restore it to an operating condition.   |
| 2.1.5  | Building First (1st) Lieutenant            | The individual, either military or civilian, assigned responsibility for a specific building or facility for the submission of service calls and work requests for building maintenance and repair.   |
| 2.1.6  | Check                                      | Examine, inspect, or verify by trial.   |
| 2.1.7  | Clean                                      | As used generally, means removal of dirt or impurities. As used for acceptance of work, means gleaming, bright, free from dirt, contamination or impurities, unsoiled, unstained, recently laundered, fresh and unused, neat and tidy, having no flaws or roughness, clear, regular or having few corrections.  |
| 2.1.8  | Competent Person                           | A person who has the professional experience and training necessary to identify existing and predictable hazards at a work or service environment, and who has the authority to take prompt and corrective action to eliminate or remove dangers from the environment.  |
| 2.1.9  | Confined Work Space                        | A space that is large enough and so configured that a person may bodily enter a space (such as in tanks, vessels, silos, storage bins, hoppers, vaults, pits, and like spaces where there is limited means of entry) and is hindered or restricted from escaping during an emergency.   |
| 2.1.10   | Corrective Maintenance                     | Maintenance and repair work that is required to return a system or component to proper operating condition.   |
| 2.1.11   | Contracting Officer (KO)                   | That individual with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.   |
| 2.1.12   | Contractor                                 | That entity or its representative responsible for the delivery of the services or materials specified in this contract, as designated by contract award. The term Contractor as used herein refers to both the prime Contractor and any subcontractors. The prime Contractor shall insure that subcontractors comply with the provision of this contract. |
| 2.1.13   | Contractor Representative                  | That individual appointed by the Contractor, either orally or in writing, who has been assigned responsibility for executing the requirements of this contract.   |
| 2.1.14   | Contracting Officer's Representative (COR) | The person(s) who the Contracting Officer will designate by name and/or position title to act as liaison between the Contractor and the Contracting Officer on contractual issues. Also known as Contracting Officer's Technical Representative (COTR).   |
| 2.1.15   | Customer                                   | An activity, component of an activity, unit, organization, or tenant that is authorized by an activity commander to request any type of facilities support from Public Works.   |

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| 2.1.16   | Defect                                   | One or more documented deficiencies of unsatisfactory work performance caused by either poor performance or non-performance; a failure to comply with a contract requirement.  |
| 2.1.17   | Direct Material Costs                    | The actual vendor invoice charges for materials used for performance of work under this contract. Direct material costs shall include transportation charges when such charges are included on the invoice by the vendor, as well as any discounts allowed for prompt payment and discounts or rebates for core value or salvage value that accrue to the Contractor. When questions arise concerning the cost of materials, material costs will be based on the lowest of quotes provided by the Contractor from at least three different commercial vendors for the direct material cost. The Government retains the right to obtain additional quotes in questionable situations. The lowest price will be used.  |
| 2.1.18   | Disaster                                 | Within the context of this PWS, a natural disaster, major accident, or enemy attack.   |
| 2.1.19   | Disaster Preparedness                    | The activities and measures designated or taken to protect resources from the effects of attacks, natural disasters, and major accidents; to restore primary mission assets after these events; and to fulfill the humanitarian relief responsibilities of commanders.   |
| 2.1.20   | Facility                                 | A facility is a building, structure, or other real property improvement, including utility systems, and pavements.   |
| 2.1.21   | Facility Support Contract Manager (FSCM) | A Government employee appointed by the Contracting Officer with overall responsibility for monitoring contract requirements and contractor performance and acting as liaison with the Contractor on these issues. Also known as the Supervisory Performance Assessment Representative (SPAR).  |
| 2.1.22   | Frequency of Service                     | Annual (A). Services performed once during each 12-month period of the contract at intervals of 335 to 395 days.<br>Biennial (B). Services performed once during each 24-month period of the contract at intervals of 670 to 790 days.<br>Daily (D5). Services performed once each calendar day, Monday through Friday, including holidays unless otherwise noted.<br>Daily (D7). Services performed once each calendar day, seven days per week, including weekends and holidays.<br>Monthly (M). Services performed 12 times during each 12-month period of the contract at intervals of 28 to 31 calendar days.<br>Quarterly (Q). Services performed four times during each 12-month period of the contract at intervals of 80 to 100 calendar days.<br>Semiannual (SA). Services performed twice during each 12-month period of the contract at intervals of 160 to 200 calendar days.<br>Semimonthly (SM). Services performed 24 times during each 12-month period of the contract at intervals of 14 to 16 calendar days.<br>Three times weekly (3W). Services performed three times a week, such as Monday, Wednesday, and Friday.<br>Twice weekly (2W). Services performed twice a week, such as Monday and Thursday or Tuesday and Friday.<br>Weekly (W). Services performed 52 times during each 12-month period of the contract at intervals of six to eight calendar days. |
| 2.1.23   | Maintenance and Repair                   | The preservation or restoration of a piece of equipment, system, or facility to such condition that it may be effectively used for its designated purposes. Maintenance/repair may be adjustment, overhaul, reprocessing, or replacement of constituent parts or materials that are missing or have deteriorated by action of the elements or usage, or replacement of the entire unit or system if beyond economical repair.  |
| 2.1.24   | Means Repair and                         | A data collection and organization system developed by R. S. Means Company which can be used to prepare  |

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| <b>Spec Item</b>                               | <b>Title</b>   | <b>Description</b>   |
|  | Remodeling Cost Data                                     | accurate, dependable construction estimates and budgets in a variety of ways. The Contractor shall use the latest edition. Material prices are based on a national average and computed labor costs are based on a 30-city national average. Data has been targeted for residential, commercial, and industrial repair/remodeling projects. An estimate prepared using this data is called a "Means estimate"; data may simply be referred to as "Means".  |
| 2.1.25   | Operation and Maintenance and Support Information (OMSI) | OMSI is a set of consultant-prepared data manuals that contain detailed, as-built technical information that describes the efficient, economical and safe operation, maintenance and repair of a facility, plant, equipment or system throughout its life cycle. Generally prepared following completion of new construction facility or major facility upgrade. OMSI's typically include staffing and budgeting information, supply support including critical spare parts, operating procedures, troubleshooting and diagnostic guides, extended warranty data, maintenance task frequencies and documentation, technical data, repair procedures and manufacturer's product data. |
| 2.1.26   | Operator Maintenance                                     | The basic daily and periodic services performed by the equipment/facility operator includes but is not limited to cleaning of screening/filtering device; inspection for excessive wear, damage, leaks, and corrosion; checks of equipment for excessive noise, vibration, and overheating; lubrication and checking of fluid levels; check for proper operation of instrumentation and safety devices; and reporting of mechanical deficiencies for correction or repair.   |
| 2.1.27   | Performance Assessment                                   | A method used by the Government to provide some measure of control over the quality of purchased goods and services received.  |
| 2.1.28   | Performance Assessment Representative (PAR)              | That individual designated by the KO to be responsible for the monitoring of Contractor performance.   |
| 2.1.29   | Pre-expended Bin Materials and Supplies                  | The minor materials and supplies that are incidental to the job, for which the total direct cost of any one material line item shown on the material estimate is \$10.00 or less. Examples of pre-expended bin materials and supplies include, but are not limited to, solder, lead, flux, electrical connectors, electrical tape, fuses, nails, screws, bolts, nuts, washers, spacers, masking tape, sand paper, solvent, cleaners, lubricants, grease, oil, rags, mops, glue, epoxy, spackling compound, joint tape, plumbers tape and compound, clips, welding rods, and touch up paint.  |
| 2.1.30   | Quality Control (QC)                                     | A method used by the Contractor to control the quality of goods and services produced.   |
| 2.1.31   | QCM  | Quality Control Manager  |
| 2.1.32   | Real Property  | Lands, buildings, structures, utility systems, improvements, and appurtenances. Includes equipment attached to and made part of buildings and structures (such as heating systems), but not movable equipment (such as plant equipment).   |
| 2.1.33   | Repair   | Correction of deficiencies in failed or failing components of existing facilities or systems to meet current standards or codes. May include replacement of entire component, unit or system if beyond economical repair.  |
| 2.1.34   | Response Time  | The time allowed the Contractor after initial notification of a work requirement to be physically on the premises at the work site with appropriate personnel, tools, equipment, and materials, ready to perform the work required.  |
| 2.1.35   | SSHO   | Site Safety and Health Officer   |
| 2.1.36   | Unit Priced Labor (UPL) Hour                             | The unit price bid by the Contractor to perform one hour of work-in-place. With the exception of direct material and construction equipment costs, the unit price includes all indirect and direct costs associated with performing work. The price includes the Contractor's hourly composite trade wage, adjusted to allow for workforce productivity; costs for pre-expended bin materials, union agreements, crew sizes, hand tools, payroll burdens and fringes, overtime, job (field) overhead (including clerical support, supervision, inspection, fees, taxes, licenses,  |

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|   |   | permits, and insurance), general and administrative (home office) overhead, and profit. Additionally, time for job preparation, safety standby personnel, and similar indirect labor elements are included.  |
| 2.1.37  | Yard  | The "Yard" refers to the main area of USNA inside the gates and walls, including Bancroft Hall, academic buildings, sports fields, and Hospital Point.   |
| 2.2   | General Information                           |  |
| 2.2.1   | Government Regular Working Hours              | The Government's regular working hours are Monday through Friday from 0730 to 1600, except observed Federal holidays. Exceptions to the regular hours of operation are detailed in subsequent sections of this PWS. Work in certain annexes or sub-annexes requires Contractor continuous operations, 24 hours a day, every day of the year including holidays. The performance of other work requirements shall be accomplished within the Government's regular working hours unless the specific work requirement specified herein necessitates otherwise. Any other work outside Government regular working hours requires prior KO approval.   |
| 2.2.1.1                                       | Observed Federal Holidays                     | <p>All Government offices will be closed, except for minimum essential personnel, during Federal holidays. Except as otherwise specified, the Contractor shall not schedule routine work on Federal holidays. When a scheduled service is required less than three times per week and the schedule for that work falls on a Federal holiday, the Contractor shall accomplish the work on the workday following or preceding the holiday. The ten Federal holidays per year are:</p> <ul style="list-style-type: none"> <li>• New Years Day, first day of January (or observed)</li> <li>• Martin Luther King, Jr. Birthday, third Monday of January</li> <li>• Presidents Day, third Monday of February</li> <li>• Memorial Day, last Monday of May</li> <li>• Independence Day, fourth day of July (or observed)</li> <li>• Labor Day, first Monday of September</li> <li>• Columbus Day, second Monday of October</li> <li>• Veterans Day, 11th day of November (or observed)</li> <li>• Thanksgiving Day, fourth Thursday of November</li> <li>• Christmas Day, 25th day of December (or observed)</li> </ul> <p>When such holidays fall on a Saturday, the preceding Friday will be considered a holiday. When such holidays fall on a Sunday, the succeeding Monday will be considered a holiday.</p> |
| 2.2.1.2                                       | Base Closure and Inclement Weather Situations | <p>The Contractor shall monitor the Naval Academy's weather hotline (410-293-0032) and local television and radio stations to determine USNA operating status. USNAINST 12610.4 provides amplifying guidance. Normally, the Contractor shall not be required to perform non-essential functions when the base is officially closed due to inclement weather and other emergency conditions. The Contractor shall staff the following essential functions at all times, including inclement weather:</p> <ul style="list-style-type: none"> <li>• Emergency Service Calls</li> <li>• Ice and Snow Removal</li> <li>• Severe Weather Preparedness and Recovery</li> </ul>  |

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| <b>Spec Item</b>                               | <b>Title</b>                        | <b>Description</b>   |
|  |                                     | <ul style="list-style-type: none"> <li>• Utilities Operation</li> </ul>  |
| 2.2.2  | Wage Determinations                 | Refer to J-0200000-02 for wage determinations.   |
| 2.3  | General Administrative Requirements |  |
| 2.3.1  | Required Conferences and Meetings   | The Contractor may be required to attend administrative and coordination meetings. A list of typical recurring meetings is listed in J-0200000-03. The Contractor shall attend all recurring meetings and other scheduled or ad hoc meetings as required by the KO.  |
| 2.3.2  | Partnering                          | <p>To increase the likelihood of successful performance of this contract, the Government requires cohesive partnerships with its Contractors and subcontractors. Key stakeholders, including the Clients who receive services, principal individuals from NAVFAC, the performance assessment team, and representatives of the Installation will be invited to participate in the partnering process. Key members of the prime and subcontractors teams, including senior management personnel, are expected to participate. Attendees will be jointly determined by the Government and Contractor. The partnership will draw on the strength of each organization in an effort to achieve quality contract services done right the first time, within the contract price, as scheduled, and without safety mishaps.</p> <p>This contract requires Partnering Level A. This level of partnering is facilitated by a consultant or professional facilitator. All contract stakeholders will meet for an initial session and follow-on sessions. The initial session will be at least one day in duration and the follow-on sessions, held at a minimum of once every three months or as agreed to by the partners, will be at least a half-day in duration. The initial partnering session should be held at a neutral location off the installation that is acceptable to the Contractor and the Government. Follow-on sessions may be held at locations agreed to by both parties. The Contractor shall pay all costs associated with the partnering effort including facilitator, meeting room, and other incidental items. Before the partnering session, the Contractor shall coordinate with the facilitator the requirements for incidental items (audio-visual equipment, computer(s), easels, flipchart paper, colored markers, note paper, pens/pencils, colored flash cards, etc.) and have these items available at the partnering session. The Contractor will copy documents for distribution to all attendees. The facilitator must be acceptable to both the Contractor and the Government. The participants shall pay their own costs for meals, lodging, and transportation associated with any travel required to attend partnering meetings.</p> |
| 2.3.3  | Permits and Licenses                | <p>Contractor shall obtain all permits, licenses, and authorizations as necessary to perform work under this contract and comply with all the applicable federal, state and local laws and regulations. Provide evidence of such permits and licenses to the KO before work commences and at other times as requested by the KO. The permits listed in J-0200000-04 will be the responsibility of the Government. The Contractor shall comply with these permits as specified within this specification.</p> <p>The Contractor shall submit the USNA &amp; NAVSTA Excavation / Utility Marking / Utility Interruptions Authorizations &amp; Request form, as shown in J-0200000-05, to the COR as required per USNAINST 11300.5. The Contractor shall comply with USNAINST 11320.8 for submission and approval of hot work or hazardous operations permits.</p>  |
| 2.3.4  | Insurance                           | Within 15 days after award of this contract, the Contractor shall submit to the KO a certificate of insurance as   |

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|  |   | evidence of the existence of the following insurance coverage in amounts not less than the amounts specified below in accordance with the FAR Clause 52.228-05, INSURANCE – WORK ON A GOVERNMENT INSTALLATION. This insurance must be maintained during the performance period.   |
| 2.3.4.1  | Certificate of Insurance                              | The Certificate of Insurance shall provide for at least 30 days written notice to the KO by the insurance company prior to cancellation or material change in policy coverage. Other requirements and information are contained in the aforementioned insurance clause.   |
| 2.3.4.2  | Minimum Insurance Amounts                             | The Contractor shall procure and maintain, during the entire period of performance under this contract, the following minimum insurance coverage:<br><br>Comprehensive General Liability: \$500,000 per occurrence<br>Automobile Liability: \$200,000 per person, \$500,000 per occurrence, \$20,000 per occurrence for property damage<br>Workmen's Compensation: As required by Federal and State worker's compensation and occupational disease statutes<br>Employer's Liability coverage: \$100,000, except in states where worker's compensation may not be written by private carriers - Other as required by State Law   |
| 2.3.5  | Protection of Government Property                     | During execution of the work, the Contractor shall protect Government property. The Contractor shall return areas damaged as a result of negligence under this contract to their original condition at no cost to the Government.   |
| 2.3.6  | Access to Work Areas                                  | The Contractor shall make all arrangements through the building 1st LT as necessary to obtain access to buildings, facilities and other work areas, and when necessary, arrange for them to be opened and closed by the controlling authority. The Government may issue keys to the Contractor. The Contractor shall use due diligence and be responsible for compromised security systems to include replacement costs that result from its action or inaction.  |
| 2.3.7  | Instructions, Directives, and References              | Applicable Department of Defense (DoD), Secretary of the Navy (SECNAV), Chief of Naval Operations (OPNAV), and other directives, instructions, and references are listed in J-0200000-04.   |
| 2.3.8  | Forms   | Refer to J-0200000-05 in Section J for various forms referenced in this Annex.  |
| 2.4  | Government-Furnished Property, Materials and Services | In accordance with NAVFAC Clause 5252.245-9300, GOVERNMENT-FURNISHED PROPERTY, MATERIALS AND SERVICES, and the following paragraphs, the Government will furnish or make available to the Contractor certain Government-owned facilities, utilities, materials, equipment, vehicles, and services (collectively referred to as Government Furnished Property) for use in connection with this contract. Refer to J-0200000-06 for a listing of Government Furnished Property. Lack of Government Furnished Property does not relieve the Contractor from performing the tasks within this contract.<br><br>The Contractor shall be directly responsible and accountable for all GFP immediately upon delivery into its custody or control. The Contractor shall establish and maintain a system to control, protect, preserve, and maintain all Government property per USNAINST 5500.9. The Contractor shall provide a description and demonstration of this property control system to the KO no later than 30 days prior to the contract start date.<br><br>The Contractor shall implement safeguards, controls, and security measures to prevent pilferage, theft, and abuse of |

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| <b>Spec Item</b>                               | <b>Title</b>                          | <b>Description</b>   |
|  |                                       | GFP. The Contractor shall notify the COR immediately upon discovery of any loss, theft, or damage to GFP. The Contractor shall follow-up with a completed Form DD200 within five working days.   |
| 2.4.1  | Government-Furnished Facilities (GFF) | <p>The Government will furnish or make available for Contractor use, the facilities listed in J-0200000-06.</p> <p>The Contractor shall perform maintenance and repair of interior finishes and fixtures within GFF in a condition equal to or better than the state of the facility at contract start at no additional cost to the Government. The Government will be responsible for the cost to maintain and repair building exterior and structure and major building systems and utilities. Such work may be completed through the requirements specified within this specification. Exceptions to the list or condition of GFF and equipment shall be reported to the KO by the Contractor prior to the contract start date. The Contractor shall assume responsibility for maintenance, cleanliness, and safe keeping of GFF and shall take adequate precautions to prevent fire hazards, odors, and vermin. At the completion of the contract, all facilities shall be returned to the Government in the same condition as received, except for reasonable wear and tear. The Contractor shall be held responsible for the cost of any repairs due to negligence or abuse by employees or subcontractors.</p> <p>The Government reserves the right to alter the structures and utility delivery systems to improve the appearance or operations of the facilities, IAW FAR 52.212-4. The Contractor shall obtain written approval from the KO prior to making any modifications or alterations to GFF. Any such modifications or alterations approved by the Government will be made at the expense of the Contractor.</p> <p>The Government reserves the right to reclaim use of GFF or specific spaces within GFF that are unutilized or underutilized. The Government may require the Contractor to vacate utilized spaces within GFF temporarily or permanently in exchange for providing similar facilities in terms of size and function. The costs associated with moving personnel, equipment or material out of reclaimed or vacated spaces shall be borne by the Contractor.</p> |
| 2.4.2  | Government-Furnished Utilities        | The Government will furnish the Contractor with the following utility services at existing outlets for use as may be required for the work to be performed under the contract: electricity, natural gas, fresh water, sewage service and refuse collection from existing collection points. The Contractor shall provide and maintain the necessary service lines from existing Government outlets to the site of work. The Government will provide #2 fuel oil, propane, natural gas, and electricity for operation of utility plants. All other utilities required for the performance of this contract shall be provided by the Contractor at no additional cost to the Government.   |
| 2.4.3  | Government-Furnished Materials (GFM)  | <p>The Contractor shall be responsible for procurement, receipt, storage, and management of materials and supplies used in the performance of this contract with the following exception:</p> <p>Experience has shown selected items of long lead time parts and materials must be stocked to ensure repair of critical equipment in the event of failure. A list of these insurance items and minimum stocking levels is shown in J-0200000-06. The Contractor shall maintain at least the minimum quantity of all the items specified.</p> <p>These items shall be used by the Contractor in the maintenance and repair of the facilities/systems only as follows:</p>   |

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| <b>Spec Item</b>                               | <b>Title</b>                         | <b>Description</b>  |
|  |                                      | Insurance items shall be used on the systems, facilities, or GFE with which they are associated; a replacement insurance item shall be ordered within three working days after the use of any insurance item which causes the total quantity on hand to fall below the minimum specified level. The Contractor shall bear the cost of replacement of all insurance items. Upon completion or termination of the contract, all insurance items shall be returned to the Government in the minimum specified quantities.  |
| 2.4.4  | Government-Furnished Equipment (GFE) | <p>The Government will provide the Contractor the use of Government-owned tools and equipment listed in J-0200000-06 except as noted below:</p> <ul style="list-style-type: none"> <li>• The shop area (approximately 21,600 SF) of the west side building 571 in Perry Center WILL NOT be available for Contractor use. This area includes the offices, storage rooms, electric motor and welding shops, material storage racks and paint spray room.</li> <li>• The transportation maintenance bays and offices/rooms in the center of building 571 will be provided for Contractor use.</li> </ul> <p>The Contractor shall be responsible for the periodic servicing, maintenance and repair of equipment listed. Total or partial breakdown or failure of the Government-furnished equipment will not relieve the Contractor of the requirement to fully perform the work of the contract. Upon completion or termination of the contract, all Government-owned tools and equipment shall be returned to the Government in the same condition as received, except for normal wear and tear.</p> <p>Tools and equipment determined to be no longer useful for their intended purposes due to normal wear and tear shall be returned to the Government or disposed of through DRMO as the FSCM may direct, and replacement costs shall be the responsibility of the Contractor. Tools and equipment so acquired shall remain the property of the Contractor. The Contractor shall be responsible for the cost of any repairs or replacement caused by negligence or abuse by employees or subcontractors. In the event any equipment is sent to DRMO, a signed copy of the DRMO Receipt will be provided to the KO.</p> |
| 2.4.5  | Government-Furnished Computers       | <p>The Government will provide the Contractor the use of Government-owned computers listed in J-0200000-06 in the performance of the contract. These computers are specifically provided for support of the operation of utility systems and shall not be used for any other unrelated functions.</p> <p>The Government will provide maintenance, repair, and updates of computers and peripherals listed when deemed necessary by the KO. Upon completion or termination of the contract, all Government-owned computers shall be returned to the Government in the same condition as received, except for normal wear and tear.</p> <p>Computers and peripherals determined to be no longer useful for their intended purposes due to normal wear and tear shall be returned to the Government or disposed of as the FSCM may direct and a replacement will be provided by the Government. The Contractor shall be responsible for the cost of any repairs or replacement caused by negligence or abuse by employees or subcontractors.</p>   |

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| 2.4.6  | Government-Furnished Vehicles (GFV)                 | <p>Government-furnished vehicles for Contractor use in support the requirements of this specification are listed in J-0200000-06.</p> <p>The Contractor shall be responsible for the fueling, periodic servicing, maintenance and repair of vehicles listed. Total or partial breakdown or failure of GFV will not relieve the Contractor of the requirement to fully perform the work of the contract. Upon completion or termination of the contract, all GFV shall be returned to the Government in the same condition as received, except for normal wear and tear.</p> <p>Vehicles determined to be no longer useful for their intended purposes due to normal wear and tear shall be returned to the Government or disposed of through DRMO as the FSCM may direct and replacement costs shall be the responsibility of the Contractor. Vehicles so acquired shall remain the property of the Contractor. The Contractor shall be responsible for the cost of any repairs or replacement caused by negligence or abuse by employees or subcontractors. In the event any equipment is sent to DRMO, a signed copy of the DRMO Receipt will be provided to the KO.</p> |
| 2.4.7  | Government-Furnished Services                       | The Government will furnish services as described below.   |
| 2.4.7.1  | Janitorial Services and Refuse/Recycling Collection | <p>The Government will furnish janitorial services for GFF as listed in J-0200000-06. Routine janitorial services, such as trash pick-up, vacuuming of office spaces, and cleaning of restrooms and showers, are provided. This service does not include housekeeping of shop areas, mechanical rooms, and utility plant operating areas.</p> <p>The Government will provide dumpsters for the collection of refuse and recycling material. The Contractor shall comply with USNA programs to recycle metals, glass, plastics, office paper, cardboard, and hazardous materials. The Contractor is responsible for the proper disposal of construction debris and shall not dispose of it in Government furnished dumpsters.</p> <p>Frequency of janitorial or refuse services may be changed at any time at the sole discretion of the Government.</p>  |
| 2.4.7.2  | Local Area Network (LAN) Access                     | The Government will provide LAN access at designated ports within GFF. Contractor personnel are authorized to apply for access rights to the USNA Public Works Local Area Network (LAN). The Government will maintain the functionality of the network and will set-up access rights. The Contractor shall comply with USNA IT Department "Guidance for Microcomputers Connected to the USNA Network" provided in J-0200000-07 for access of Contractor owned computers to the LAN.  |
| 2.4.7.2.1                                      | NMCI  | <p>When PWD Annapolis transitions to NMCI, the USNA Public Works Local Area Network (LAN) may be disconnected and no longer available for Contractor use.</p> <p>The Contractor may require NMCI workstations (seats) in order to fully perform the responsibilities under this contract (refer to <a href="http://www.nmci-isf.com/index.asp">http://www.nmci-isf.com/index.asp</a> for information on NMCI). If NMCI seats are needed, the number of workstations required will be at the Contractor's discretion. The Contractor shall be required to</p>   |

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|  |  | <p>contract with NMCI to acquire these workstations at their own expense.</p> <p>Additionally, The Contractor will be required to purchase ActiveCard Gold hardware and the most recent version of the associated software necessary to log on to Government web applications. The Contractor's personnel will be required to get a customer access card (CAC) with PIN for access into the Government web applications. Information concerning ActiveCard hardware and software is available at <a href="http://www.cac.mil">www.cac.mil</a>.</p> <p>The Government will communicate plans and details regarding the NMCI transition as information becomes available.</p>   |
| 2.4.7.3  | Electronic Mail (E-mail) Accounts        | Contractor personnel are authorized to apply for USNA e-mail accounts, which may help them keep abreast of ongoing events that may affect work accomplishment. USNA email is accessible from the World Wide Web; therefore, individual computer workstations are not required for all employees.  |
| 2.4.7.4  | Telephone Services                       | GFF already contain telephone lines and instruments. The Contractor shall coordinate directly with the USNA telephone provider if additional lines are required. All telephone service, including new lines, shall be at Contractor expense. The Government will bill the Contractor monthly for all long distance calls to destinations outside of the installation. The Contractor will not be charged for official telephone calls within the installation or between locally serviced facilities when using Government provided lines. Current long distance and other service charges are listed in J-0200000-06. The Contractor shall comply with USNAINST 2000.1 regarding the telecommunications policy for the Naval Academy.  |
| 2.4.8  | Joint Inventory                          | <p>The Contractor and the FSCM shall conduct a joint inventory no later than 10 days prior to the contract start date to determine the exact number and serviceability of Government-furnished Property. The Contractor shall then certify the findings of this inventory and assume accounting responsibility of GFP. Subsequent inventory changes shall be reported to the FSCM. The Contractor shall maintain the inventory of GFP up-to-date and provide to the Government for review upon request.</p> <p>Additionally, the Government and the Contractor will jointly inventory all GFP within one year prior to contract completion or termination at a time specified by the Government. If any GFP cannot be accounted for, the contract price will be reduced by an amount equal to the value of this furnished property, or they shall be replaced with tools and equipment of the same type and of equal value. Value will be determined as the cost to replace with a similar item of comparable age and serviceability.</p> |
| 2.5  | Contractor-Furnished Items               | Except for items identified as Government Furnished, the Contractor shall provide all equipment, materials, parts, supplies, components, and facilities to perform the requirements of this contract. The KO may inspect Contractor-furnished items for adequacy and compliance with contract requirements. Inadequate or unsafe items shall be removed and replaced by the Contractor at no cost to the Government. Materials containing asbestos, lead, and PCB's shall not be brought on site. The KO may at any time require samples, Material Safety Data Sheets (MSDS), manufacturer's data cut sheets of materials used in this contract.  |
| 2.5.1  | Contractor-Furnished Parts and Materials | The Contractor shall provide new or factory reconditioned parts and components when providing maintenance and repair services. All replacement units, parts, components, and materials shall be compatible with existing  |

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|   |                            | <p>equipment; shall be of equal or better quality than original equipment specifications; shall conform to the applicable technical specifications; and shall be used per the original design and manufacturer intent. If the original manufacturer has updated the quality of parts for current production, parts supplied under this contract shall equal or exceed the updated quality.</p> <p>The Contractor shall retain the parts replaced for at least ten working days after completion of the job and make these parts readily available for inspection by the COR upon request. If a dispute should arise concerning material or supplies selected by the Contractor for work already accomplished, the Contractor must, upon direction of the COR, remove, replace, or rework materials and supplies so that the work complies with contract requirements. The Contractor shall obtain and maintain manufacturers' operating instructions and maintenance manuals on all new equipment installed by the Contractor. These documents shall become property of the Government and shall be provided to the COR within five working days after completion or termination of the contract.</p>      |
| 2.5.2   | Certificates of Compliance | <p>The Contractor shall submit certificates of compliance, manufacturer's descriptive data, and product samples when required by the KO. Such submittals shall be provided to the KO within 15 calendar days after award of the task order.</p> <p>(1) Certificates of compliance shall be obtained from material manufacturers attesting that materials meet manufacturers' requirements.</p> <p>(2) Manufacturer's descriptive data shall include the name of the manufacturer, model number or other identifying information, catalog cut, and other identifying data and information describing the performance, capacity, rating, and application/installation instructions which clearly illustrate that the proposed item meets applicable standards.</p> <p>(3) Product samples shall include a sufficient quantity of material to allow for complete analysis and evaluation by the Government.</p>   |
| 2.6   | Management                 | <p>The Contractor shall manage the total work effort associated with the services required herein to meet the performance objectives and standards. Such management includes, but is not limited to, planning, scheduling, cost accounting, report preparation, establishing and maintaining records, and quality control. The Contractor shall provide staff with the necessary management expertise, training, qualifications, and experience to assure performance objectives and standards are met.</p> <p>The Contractor shall ensure services are conducted in compliance with all applicable Federal, State, and local laws, regulations, and directives to include applicable references and publications listed in J-0200000-04.</p> <p>The Contractor shall maintain accurate and complete records, files, and libraries of documents to include Federal, State, and local regulations, codes, laws, technical manuals, and manufacturer's instructions and recommendations, which are necessary and related to the functions being performed. The Contractor shall compile historical data, prepare required reports, and submit information as specified herein and as directed by the KO.</p> |

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| 2.6.1  | Contractor Transition | In order to ensure a smooth transition to the start of the new contract and to prevent possible decreases in productivity, the Government will provide for a transition period prior to the contract start date. The Contractor will be allowed a Phase-in Period of 60 calendar days for this transition. During this period, the Contracting Officer will make available to key Contractor personnel, Government representatives versed in the operations of the functions to be performed. This service is being made available to explain procedures for conducting Government business, show the Contractor the various worksites, introduce the Contractor to installation and customer representatives, etc. During this period, the Government will conduct joint inventory and property transfers as described elsewhere in the contract. The Government will only provide limited orientation training; therefore, the Contractor is expected to have fully trained personnel with the skills and experience necessary for each required task. Contractor personnel shall not interfere with the normal conduct of Government business.  |
| 2.6.1.2  | Mobilization          | <p>The Contractor shall submit a Phase-in Plan as part of the Technical Proposal. The Contractor Phase-in Plan shall identify all mobilization actions prior to the contract start date and time periods for such actions. Provisions for inventory of all Government furnished property shall be addressed with the proposed schedule. Any changes to the submitted Phase-in Plan after contract award shall be approved by the Contracting Officer.</p> <p>The Contractor shall mobilize in accordance with the proposed Contractor's Phase-in Plan. By 12:01 a.m. of the contract commencement date, the Contractor shall be at full contract performance. The Contractor shall provide sufficient experienced personnel during the mobilization period to ensure a smooth and efficient transition. The mobilization efforts shall occur in conjunction with the closure of the current contract performing the services. The Contractor shall not assume that current contract employees will be able to direct, guide, or specifically provide orientation to each Contractor employee.</p>  |
| 2.6.1.3  | De-mobilization       | <p>Services performed under this contract are vital to the Government and shall be continued without interruption. Upon contract expiration, the Contractor shall exercise its best efforts and cooperate to effect an orderly and efficient transition to a successor.</p> <p>The Contractor will be allowed a Phase-Out period during the last 60 days of contract performance. The primary purpose of a Phase-Out period is a turnover of operations to the successor Contractor. The Contractor shall cooperate with the successor Contractor during their Phase-Out activities. During this Phase-Out period, the Contractor shall continue to accomplish normal contract requirements.</p> <p>The Contractor shall develop a Phase-Out Plan to affect a smooth and orderly transfer of contract responsibility to a successor. The plan shall be submitted to the KO for review fifteen days prior to the beginning of the phase-out period. The Phase-Out Plan shall, at a minimum, address the following topics:</p> <ul style="list-style-type: none"> <li>• Recommended procedure for accomplishing the joint outgoing Contractor and Government inventory, allowing time for a follow-on successor Contractor and government inventory.</li> <li>• Clean-up of Contractor work areas.</li> <li>• Data and information transfer to the successor.</li> </ul> |

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|  |  | <ul style="list-style-type: none"> <li>• Reconciliation of all property accounts, requisitions, and work-in-progress.</li> <li>• Turnover of work-in-progress.</li> <li>• Any other actions required to ensure continuity of operations.</li> </ul>   |
| 2.6.2  | Work Control                                       | The Contractor shall implement all necessary work control procedures to ensure timely accomplishment of work requirements, as well as to permit tracking and reporting of work in progress. The Contractor shall plan and schedule work to assure material, labor, and equipment are available to complete work requirements within the specified time limits and in conformance with the quality standards established herein. Verbal scheduling and status reports shall be provided when requested by the KO. The status of any item of work shall be furnished within one hour of the inquiry during Government regular working hours, and within four hours after Government regular working hours.  |
| 2.6.3  | Work Schedule                                      | The Contractor shall schedule and arrange work so as to minimize inconvenience to occupants and interference with the normal occurrence of Government business and mission. In those cases where some interference is unavoidable, the Contractor shall make every effort to minimize its impact. The Contractor shall provide advance access of all of its work schedules to the Government. The Contractor shall notify the KO of any difficulty in scheduling work due to Government controls.   |
| 2.6.4  | Service Interruptions                              | <p>If any utilities or other services must be discontinued (even temporarily) due to scheduled contract work, the Contractor shall notify the KO in accordance with USNAINST 11300.5. The Contractor shall submit the USNA &amp; NAVSTA Excavation / Utility Marking / Utility Interruptions Authorizations &amp; Request form, as shown in J-0200000-05, for approval of outages. No utility or service shall be interrupted without a signed, approved authorization. For electrical outages, the Contractor shall submit a switching order procedure with the outage request for Government approval.</p> <p>All non-emergency service interruptions/outages will be scheduled after normal working/business hours as to not impact operations or mission requirements. Work requiring a service interruption/outage will be conducted between 2200-0630.</p> <p>The Contractor shall notify the KO immediately in the event of unscheduled outages and failures such as water or power outages, gas or steam shutdowns, equipment failures, any utility failures or similar events that may result in disrupted operations. The Contractor shall submit information necessary for completing the Unscheduled Outage Report Form shown in J-0200000-05 to the KO within 24 hours after the unscheduled outage.</p> |
| 2.6.5  | Computerized Maintenance Management Systems (CMMS) | <p>The Contractor shall maintain records stored in the Government's CMMS current and accurate. The CMMS currently in use is PWTools, however, the KO may direct the Contractor to change to a new CMMS during the course of the contract period. The Government will make these systems available for the Contractor's use in managing the effort required under this contract. When access to CMMS is dependent on LAN or internet connectivity, the Government cannot guarantee speed of connection or availability of service.</p> <p>The Contractor shall enter information into CMMS in a manner conducive to retrieving or searching for data by PW</p>   |

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|  |  | <p>number, Job Order Number (JON) or subject matter. The Contractor shall populate the required data fields within the CMMS as shown in J-0200000-08.</p> <p>The Contractor may manage, execute, and track work utilizing a Contractor provided CMMS separate from the Government's system, however, all required information shall be routinely transferred into the Government's CMMS.</p>  |
| 2.6.5.1  | Equipment Barcodes                           | <p>The Contractor shall implement a barcode system for tracking and identification of all equipment and to provide a means to monitor the performance of all services, maintenance, and repairs performed. The barcode system shall have the capability to interface with the CMMS.</p> <p>Equipment is not currently tagged with barcodes. As a minimum, the Contractor shall install barcodes on all equipment maintained as a part of the PM program. Installation of these tags may be phased in over the base year to occur as PMs are completed. All barcode tags or stickers used shall be durable, water and heat resistant. As equipment is replaced or new equipment installed, the Contractor shall attach new tags and provide an update of all equipment information within the CMMS.</p>  |
| 2.6.6  | Quality Management System (QMS)              | <p>The Contractor shall establish and maintain a complete QC program in accordance with the provisions specified herein. The Contractor's QC Program shall provide an effective and efficient means of identifying and correcting problems throughout the entire scope of operations. The Contractor's QC program shall address:</p> <p>Accurate documentation of work processes, procedures, and output measures.<br/> A systematic procedure for assessing compliance with performance objectives and standards.<br/> Accurate documentation of quality inspections conducted throughout the execution of work.<br/> Assessment-driven corrective actions and process adjustments as appropriate in a timely manner.</p> <p>The Contractor's QMS shall include use of process improvement initiatives to improve quality delivered on a continuous basis. At any given time it is expected that multiple initiatives are in place for process improvements.</p> |
| 2.6.6.1  | QC Inspection                                | <p>The Contractor shall establish and maintain an inspection system in accordance with the FAR Clause 52.246-4, INSPECTION OF SERVICES – FIXED PRICE, to ensure that the work performed conforms to the contract requirements. The Contractor shall maintain a file of all scheduled and performed QC inspections, inspection results, and dates and details of corrective and preventive actions. The file shall be the property of the Government and made available during the Government's regular working hours. The file shall be submitted to the KO within five calendar days of completion/termination of the contract.</p>  |
| 2.6.7  | Inspections by Internal or External Agencies | <p>The Contractor shall cooperate with visiting Government personnel conducting official inspection visits and surveys. Inspections may be announced or unannounced. The Contractor's supervisor in control of the work space shall accompany inspectors and provide access to GFF as necessary. The Contractor shall notify the KO and the Safety Office of planned visits or investigations within three working days of notification and shall provide a reminder of an upcoming inspection one week prior to the visit. The Contractor shall verbally notify the KO within 30 minutes of any unannounced or surprise visits.</p>  |

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|   |                           | <p>The Contractor shall retain copies of all inspection documents and reports and shall forward a copy to the KO within two working days of receipt. For every inspection or audit, the Contractor shall record and file the date, reason for visit, and the name, title, phone number, and agency of each inspector.</p> <p>Inspection agencies may include, but are not limited to, Environmental Protection Agency (EPA), General Accounting Office (GAO), Maryland Department of Health, Maryland Department of the Environment, Navy Inspector General (IG), Navy Criminal Investigative Service (NCIS), Occupational Safety and Health Administration (OSHA), USNA Base Police, USNA Command Evaluation Team, USNA Safety Office, USNA Environmental Office, USNA Fire Dept, and various NAVFAC Facility Inspection Teams.</p>  |
| 2.7   | Personnel Requirements    | The Contractor shall comply with the personnel requirements stated below.   |
| 2.7.1   | Key Personnel             | The Contractor's management team shall consist of, at a minimum, the key personnel listed below. For each position the Contractor shall submit a resume and a letter of intent to perform to the KO within 30 calendar days after contract award. The Contractor shall notify the KO when any of the key personnel listed below will be out of the area for more than 24 hours and provide the name of a designated alternate. The Contractor shall notify the KO of any permanent changes to key personnel and submit resumes for new personnel within 15 calendar days after being assigned.  |
| 2.7.1.1                                       | Project Manager (PM)      | <p>The Contractor shall provide a full-time, onsite Project Manager to oversee and coordinate the services described in this PWS. The PM must have relevant experience at a comparable level of responsibility in projects of similar size, scope and complexity. The PM, or alternate designated in writing, shall have full authority to act for the Contractor on all contract matters relating to this contract. The PM or alternate shall be on-site during Government regular working hours. In emergencies after Government regular working hours, the PM, or an alternate shall be available on-site within two hours when requested by the KO.</p> <p>The PM shall have a Bachelor's Degree (Engineering is desired but Management with specialized experience is acceptable) from an accredited university. The PM shall possess a minimum of ten years of specialized experience in public works or base operations support. The PM shall have a minimum of five years of supervisory experience gained within the last seven years. This individual shall have demonstrated effective verbal and written communication ability.</p> |
| 2.7.1.2                                       | Assistant Project Manager | <p>The Contractor shall provide a full-time, onsite Assistant PM to assist in oversight and coordination of the services described in this PWS. The Assistant PM shall be the Government's point-of-contact with the Contractor in the event of the Project Manager's non-availability or absence.</p> <p>The Assistant PM shall have at a minimum, an Bachelor's Degree (Engineering is desired, but Management with specialized experience is acceptable) from an accredited university. The Assistant PM shall possess a minimum of five years of specialized experience in public works or base operations support. The Assistant PM shall have a minimum of three years of supervisory and/or equivalent experience gained within the last five years. This individual shall have demonstrated effective verbal and written communication ability.</p>   |

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| <b>Spec Item</b>                               | <b>Title</b>                          | <b>Description</b>  |
| 2.7.1.3  | Quality Control Manager (QCM)         | <p>The Contractor shall provide an onsite QCM who shall have full authority and responsibility for assuring performance objectives and standards identified in this contract are met. Neither the PM nor the Assistant PM shall perform the duties of this position, however QCM duties can be performed by the same individual assigned as SSHO, but requirements of both positions must be met.</p> <p>The QCM shall have a minimum of 5 years experience as a PM, Assistant PM, QCM, or construction manager on a contract of similar size, scope, and complexity.</p>   |
| 2.7.1.4  | Site Safety and Health Officer (SSHO) | <p>The Contractor shall provide an onsite SSHO who shall have full authority and responsibility to prepare and enforce the Contractor's safety program for the services described in this PWS and shall be responsible for and have knowledge of applicable environmental regulations. Neither the PM nor the Assistant PM shall perform the duties of this position, however SSHO duties can be performed by the same individual assigned as QCM, but requirements of both positions must be met.</p> <p>The SSHO shall have fulfilled the following pre-requisite training and experiences before being hired as the SSHO under this contract: The SSHO shall have completed 5 years of satisfactory experience in preparing and enforcing the safety programs on contracts of similar size and complexity in the past, and have completed 30-hour OSHA safety class or equivalent within the last five years and an average of at least 24 hours of safety training per year for the past five years.</p>  |
| 2.7.2  | Employee Requirements                 | <p>The Contractor shall provide experienced, qualified, and capable personnel to perform the work in this contract. Personnel shall be fully knowledgeable of all safety and environmental requirements associated with the work they perform. Personnel shall speak, read, and comprehend English to the extent that they can read and understand printed regulations, detailed written orders, operating procedures, training instructions and materials.</p> <p>The Contractor shall ensure that all Contractor personnel have received proper safety training, appropriate to their respective jobs. At a minimum, all Contractor personnel shall have attended the OSHA 10 hour safety course, or equivalent.</p> <p>The Contractor shall implement an ongoing training program that refreshes the safety skills, qualifications and awareness of the Contractor workforce on a regular, periodic basis. The details of the Contractor's safety training program shall be included as part of the Contractor's Accident Prevention Plan, as required in Spec Item 2.9.1.</p> |
| 2.7.2.1  | Employee Appearance                   | <p>The Contractor shall ensure that all employees present a professional appearance that is appropriate for their position. Contractor personnel shall not wear items of military apparel or that appear to be standard midshipmen clothing issue. The KO reserves the right to determine the acceptability of any clothing worn. All Contractor/subcontractor employees working under this contract shall be identified by a distinctive nameplate, emblem, or patch attached in a prominent place on an outer garment. Employee identification shall not be substituted for USNA required passes or badges.</p>   |
| 2.7.2.2  | Employee Physical Examinations        | <p>The Contractor shall be required to perform medical surveillance on the following personnel per OPNAVINST 5100.23 and NECH-TM OM 6260 (Medical Surveillance Procedures Manual and Medical Matrix available at</p>  |

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|  |                               | <p><a href="http://www-nehc.med.navy.mil">http://www-nehc.med.navy.mil</a>):</p> <ul style="list-style-type: none"> <li>• Transportation Operators</li> <li>• Utility Systems Operators (heat stress related)</li> <li>• Maintenance personnel (asbestos and lead paint removing teams)</li> </ul>   |
| 2.7.2.3  | Employee Conduct              | The Naval Academy is a National Historic Landmark district and tourist site that strives to uphold the ideals of military courtesy, ethics, and patriotism. Contractor employees working in public view represent the Naval Academy, and their actions may influence public opinion. The Contractor shall be responsible for the conduct and appearance of Contractor employees, to include sub-contractors. Contractor employees shall not be unnecessarily loud or boisterous and shall not use profanity. Contractor employees shall not loiter in any work or patron area. |
| 2.7.2.3.1                                      | Alcohol and Drug Prohibitions | Contractor personnel shall not consume alcoholic beverages or illegal drugs during performance of this contract or while physically on the installation. The Contractor shall not allow any employees to work who appear to be "under the influence" of drugs or alcohol. The Contractor shall test, screen, and manage all employees per Executive Order 12584 and with Public Law 100-71.  |
| 2.7.2.3.2                                      | Smoking                       | The Contractor shall comply with USNAINST 11320.8 and USNAINST 6200.2 regarding smoking in Government buildings, facilities, vehicles, and equipment. No smoking is allowed inside buildings on Government property and outside smoking is restricted to designated areas. Upon contract start, the KO will provide the Contractor with a list of designated smoking areas.  |
| 2.7.2.3.3                                      | "Colors" Observance           | Contractor personnel shall observe "Colors". Each day at 0800 and sunset, the installation will play the National Anthem upon raising and Taps upon lowering the American flag. The actual "Colors" ceremony will be prefaced by a warning whistle five minutes before occurrence. Upon hearing first note of music and until last note of music has been played, Contractor personnel shall stop work, to include driving vehicles and operating equipment, stand in place, remove hat, and remain silent   |
| 2.7.2.3.4                                      | Fraud, Waste, and Abuse       | The Contractor shall encourage personnel to report suspected situations of fraud, waste, and abuse, or other intentionally dishonest conduct against the Government observed during or in the performance of this contract. The Fraud, Waste, and Abuse Hotline number is 1-800-424-9098, and the email address is: <a href="mailto:hotline@dodig.osd.mil">hotline@dodig.osd.mil</a> .   |
| 2.7.2.4  | Removal of Employees          | All Contractor employees and representatives shall be governed by Federal rules, regulations, laws, directives, and requirements issued during the contract term relating to law and order and security upon the installation. The Contractor shall remove from the site any individual whose continued employment is deemed by the KO to be contrary to the public interest or inconsistent with the best interests of National Security.   |
| 2.7.2.5  | 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.  |
| 2.8  | Security Requirements         | The Contractor shall comply with all federal, state, and local security statutes, regulations, and requirements. The Contractor shall become acquainted with and comply with all Government regulations as posted, or as requested by the KO when required to enter a Government site. The Contractor shall ensure that all security/entrance clearances are obtained. Contractor personnel and property are subject to search and seizure upon entering, while on, and upon leaving the installation per USNAINST 5800.2.   |
| 2.8.1  | Employee Listing              | The Contractor shall submit a roster of all employees (including subcontractors) to the KO no later than 10 days   |

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|  |                                 | <p>prior to the contract start date. The Contractor shall submit an update of the employee roster and organization chart to the KO at least quarterly and when key and essential personnel have changed, or when more than ten employees have changed.</p> <p>The Contractor's roster shall include the following information for all contractor and subcontractor employees who will require access to the installation:</p> <ul style="list-style-type: none"> <li>▪ Name</li> <li>▪ Job Title</li> <li>▪ Local address and telephone number</li> <li>▪ Date and place of birth</li> <li>▪ Social security number</li> <li>▪ Nationality</li> <li>▪ Proof of citizenship</li> </ul>  |
| 2.8.2  | Subcontractor Identification    | The Contractor shall submit a list of subcontractors to be used in the performance of this contract to the KO no later than 10 days prior to contract start date and upon any change. This list shall be resubmitted at least annually, even if no changes have occurred. The list shall include the name of each subcontractor company, an individual point of contact, business address, and telephone and fax numbers.  |
| 2.8.3  | Vehicles                        | The Contractor shall display on each of his vehicles the company name in a manner and size that is clearly visible or per DOD 4500.36 and NAVFAC P-300. All vehicles shall display a valid license plate and shall carry proof of insurance and state registration, if applicable. Contractor vehicles operated on Government property shall be maintained in good repair.   |
| 2.8.3.1  | Privately Owned Vehicles (POVs) | The Contractor's personnel shall comply with guidelines regarding vehicle use and parking, set forth in USNAINST 5512.6. All Contractor employees and subcontractors shall register POVs with the USNA Pass and Tag office. These vehicles shall be properly registered, insured, and inspected per State and local laws. Any employee operating a vehicle on the installation shall be properly licensed and insured. Contractor employees and subcontractors are subject to random gate inspections per USNAINST 5800.3. Contractor personnel shall park in designated areas only. Carpooling and shuttling of employees is encouraged and may be required if designated areas are not large enough to accommodate private vehicle parking. At times, events occurring at NSA Annapolis may cause further restrictions on parking that will limit areas available for Contractor POVs. |
| 2.8.4  | Passes and Badges               | All Contractor employees and sub-contractors shall obtain employee and vehicle passes per USNAINST 5560.7. Each employee shall wear the Government issued badge in a clearly visible location at all times. When an employee leaves the Contractor's service, the employee's pass and badge shall be returned to the KO immediately. Pass and badge forms are provided in J-0200000-05.  |
| 2.8.5  | Key and Lock Control Plan       | The USNA Security Officer is USNA's key control manager and maintains copies of all master keys. The Contractor shall coordinate all key and lock issues with the Security Officer. The Contractor shall establish a written Key and Lock Control Plan per USNAINST 5530.3 and shall provide a copy to the KO no later than 30 days prior to the contract start date. This plan shall address how the Contractor will ensure that keys for GFF are not lost, misplaced, or used by unauthorized persons. The Contractor shall maintain accurate lock, key, and   |

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|  |                                | <p>combination inventories and provide them to the COR monthly.</p> <p>The Contractor shall maintain the existing master key system for each building and structure. In the event a master key or master combination is lost, the Contractor shall immediately notify the COR and all affected tenants, and indicate the projected time of completion for re-keying the areas or changing combinations. The Contractor shall be responsible for all costs for replacement or re-keying of locks and keys under the Contractor's control. The Contractor shall not duplicate any keys without written approval from the USNA Security Officer. The Contractor shall set or change lock combinations and issue or replace keys per OPNAVINST 5530.14.</p>   |
| 2.8.6  | Physical Security Plan         | <p>The Contractor shall develop a Physical Security Plan and submit to the KO for approval no later than 30 days prior to the contract start date. The Contractor shall fully implement all components of the plan on contract start date. The plan shall outline procedures to provide internal safeguards for the security of all Government-furnished property and all property in the possession of the Contractor for the performance of required services. The Physical Security Plan shall be established per DOD 5100.76 and USNAINST 5500.9. The Contractor shall update the plan as changes occur and shall submit a copy of the proposed update to the KO for approval no later than 30 calendar days prior to the proposed effective date of the updated plan.</p> <p>The Contractor shall secure all buildings and facilities entered during non-duty hours and will secure all building and facilities under the Contractor's cognizance at the end of each work day or shift period.</p>   |
| 2.9  | Contractor Safety Program      | <p>The Contractor shall develop and implement a Safety Program detailing how the Contractor plans, staffs, performs, and controls all safety practices while delivering best value services to the Government without any accidents or mishaps. The Contractor's safety program shall comply with all safety standards identified in the U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM-385-1-1, Public Law 91-596, Occupational Safety and Health Act, and all subparts of 29 CFR 1910, and 29 CFR 1926.</p>   |
| 2.9.1  | Accident Prevention Plan (APP) | <p>To ensure that the Contractor has a well organized and thorough Safety Program, the Contractor shall prepare an Accident Prevention Plan (APP). The APP shall be prepared by the Contractor's SSSHO and shall be followed by all Contractor employees, subcontractors, and vendors at each service site. The APP shall follow the format and cover all topics as delineated in Appendix A of EM-385-1-1. The APP shall incorporate Activity Hazard Analyses (AHAs) and Situation Specific Safety Plans that are relevant to the site specific hazards and controls for each activity and type of work that may be encountered in the performance of this contract. Detailed requirements for AHAs and Hazard Specific Safety Plans are provided below.</p> <p>The Contractor's APP shall be submitted to the KO within 30 days following award for approval. The Contractor shall review, update, and submit the revised APP to the KO annually and within 15 calendar days whenever a change in work conditions, hazards, or activities occurs.</p> |
| 2.9.2  | Activity Hazard Analysis (AHA) | <p>The Contractor shall prepare Activity Hazard Analyses (AHAs) for all common recurring work activities performed under this contract. AHAs shall be submitted with the APP and shall be updated as work activities or conditions change and additional AHAs prepared as new work activities are required. Specifically:</p> <ul style="list-style-type: none"> <li>• For FFP contract modifications where changes are germane to the original contract, the Contractor shall</li> </ul>   |

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|  |                              | <p>revise applicable AHAs and submit to the KO within 15 calendar days after modification is signed.</p> <ul style="list-style-type: none"> <li>• For combination FFP/IDIQ contracts, the Contractor shall submit an AHA on task orders, with the associated proposal, whenever the service environment or required task is different from the firm-fixed-priced services.</li> <li>• For construction (including renovation or alteration) task orders placed on the IDIQ portion of contract, the Contractor shall submit a separate AHA for each task order with the associated proposal.</li> </ul> <p>AHAs shall follow format of Figure 1-1 of EM-385-1-1 and shall explain the following as detailed in the EM-385-1-1:</p> <ul style="list-style-type: none"> <li>• the steps of the service process;</li> <li>• identify potential hazards that exist as a result of the Contractor's service process within the environment;</li> <li>• measures or plans of actions to safely remove potential hazards away from people in and around the service process and environment;</li> <li>• specific materials and equipment necessary to safely remove potential hazards away from people in and around the service process and environment;</li> <li>• inspection requirements to assure service activity is safe; and</li> <li>• training of service personnel to be aware of potential hazards and measures or plans of actions to be used to remove hazards from service environment.</li> </ul> <p>During performance of services, the SSHO shall periodically review the AHA at each service site and for each sub-annex to assess the effectiveness of the Contractor's overall APP. If changes to the AHAs are required, such changes shall be submitted to the KO for review and acceptance.</p> |
| 2.9.3  | Hazard Specific Safety Plans | The Contractor shall develop and implement hazard specific safety plans, as listed below, as necessary for the situation or types of work to be performed under this contract. These hazard specific safety plans shall be submitted with the APP and shall be updated as situations change. Additional hazard specific safety plans developed as applicable when new types of work are required under this contract.   |
| 2.9.3.1  | Abrasive Blasting Plan       | The Contractor shall develop a plan to explain how it will protect property and personnel during abrasive blasting operations. See relevant requirements of Section 6 and Appendix C of the U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1.   |
| 2.9.3.2  | Access and Haul Road Plan    | The Contractor shall develop a plan to explain how it will: (1) manage patron and pedestrian traffic with warning signs displays, and hours of operation; (2) layout roads with road widths and horizontal and vertical curve data with line of sight distances; (3) sign and signal person requirements, location of road markings, and traffic control devices; (4) drainage controls; (5) points of contact between Contractor's equipment and pedestrian and patron traffic with safety controls from point to point; (6) maintenance requirements during non-operation hours and also considering roadway hardness, smoothness, and dust control; and (7) other hazards located adjacent to the road such as bodies of water, embankments, and etc.  |
| 2.9.3.3  | Alcohol and Drug Abuse       | The Contractor shall develop a plan to explain how it will satisfy the drug-free work force requirement as stated in  |

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|  | Prevention Plan                     | DFARS Subpart 252.223-7004.  |
| 2.9.3.4  | Asbestos Abatement Plan             | The Contractor shall develop a plan to explain how it will protect its personnel from asbestos exposure. This plan shall also address relevant procedures, requirements, and protocols of section 6 of EM 385-1-1.   |
| 2.9.3.5  | Confined Space Access Plan          | The Contractor shall develop a plan to explain how it will assure its service employees have safe access to a confined work space. The plan shall: (1) identify the competent person's name, qualifications, training, and experiences; (2) delineate the competent person's authority to direct work and stoppages in adverse conditions; (3) air quality and ventilation system requirements; (4) include procedures to rescue contractor/subcontractor/vendor personnel in distress; and (5) coordinate with emergency responders. See relevant requirements of paragraph 06.I of EM-385-1-1, 29 CFR 1910, 29 CFR 1915, and 29 CFR 1926, and any other federal, state and local regulatory standards. |
| 2.9.3.6  | Contingency Plan for Severe Weather | The Contractor shall develop a plan to explain how it will remove or secure floating plants, e.g., dredges, and evacuate personnel in emergencies. This plan shall be prepared after reviewing paragraph 19.A.03 of EM 385-1-1.  |
| 2.9.3.7  | Critical Lift Procedures            | The Contractor shall develop a plan to explain how it will: (1) conduct any lifts at 75 percent or more of the crane or hoist capacity (or lifts over 50 percent of the capacity on a barge mounted mobile crane's hoists) for any radius of lifts; (2) description of lifts, cranes or hoists; (3) qualifications of personnel authorized to operate lifts, cranes, or hoists; and (4) use non-routine rigging or operations involving sensitive equipment whenever there is unusual safety risks. This plan shall be prepared in accordance with paragraph 16.C18 of EM 385-1-1, 29 CFR 1926.550(g), ASME B30.22, ASME B30.3; ASME B30.5, and ASME B30.8   |
| 2.9.3.8  | Demolition Plan                     | The Contractor shall develop a plan to explain how it will safely dismantle and remove all demolished building components and debris off Government property. This plan shall be reviewed and signed by the Contractor's Registered Professional Engineer who had also considered engineering and lead and asbestos surveys of the building. (See section 23 of EM 385-1-1).   |
| 2.9.3.9  | Emergency Response Plan             | A written plan delivered by the Contractor to explain how it will ensure safe evacuation of people during emergencies, before the hazard or natural disaster is imminent, and to minimize the consequences of accidents during evacuations. See Section 01E of EM 385-1-1.   |
| 2.9.3.10                                       | Emergency Rescue Plan               | The Contractor shall develop a plan to explain how it will rescue personnel who might become injured or incapacitated while performing services in an underground shaft or caisson. See paragraph 26.A.05 of EM 385-1-1.   |
| 2.9.3.11                                       | Fall Protection Plan                | The Contractor shall develop a plan to explain how it will eliminate falls at the service site. The plan will explain how the Contractor will protect and prevent its service workers from falling from heights of 1.8m (6 feet) or more. A competent person for fall protection shall prepare and sign the plan. See EM 385-1-1, ANSI A10.32, ANSI Z359.1, and ANSI/ASSE A10.34.  |
| 2.9.3.12                                       | Fire Prevention Plan                | The Contractor shall develop a plan to explain how it will eliminate or contain fires when using hot kettles or welding equipment at facilities and service sites. This plan shall be used by Contractor employees to: (1) obtain hot work permits and identify emergency first responders to fire hazards; (2) identify and make available materials and equipment to suppress or contain fires; and (3) emergency evacuation procedures. See Sections 6 and 9 of EM 385-1-1, NFPA10, NFPA 241, NFPA 51B, NFPA 70, NFPA 70E, and NARA 29 CFR 1926.500.  |
| 2.9.3.13                                       | Hazard Communication Plan           | The Contractor shall develop a plan to explain how it will identify hazardous substances at the service site. This plan shall address: (1) training (to include potential safety and health effects from exposure); (2) labeling of  |

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|  |                                | hazardous substances; (3) maintaining an inventory listing of hazardous chemicals at the service site; and (4) location of a library of Material Safety Data Sheets (MSDSs) in the office to satisfy 29 Code of Federal Regulations (CFR) 1910.1200 or 1926.59 requirements.   |
| 2.9.3.14                                       | Hazardous Energy Control Plan  | The Contractor shall develop a plan to explain how it will control hazardous energy within an existing service environment. This plan shall address: (1) intended operations and procedures; (2) means to coordinate and communicate the control of hazardous energy; (3) procedural steps and responsibilities for shutting down, isolating, blocking, and securing systems to control hazardous energy; (4) steps and responsibilities for the placement, removal, and transfer of lockout and tagged out devices; (5) steps and responsibilities for placing and tagging, and moving or removing and un-tagging, protective grounds; (6) requirements for testing the system to verify the effectiveness of lockout and tag-out isolation devices; (7) courses of actions to implement during emergencies; (8) requirements when removing hazardous energy control devices must be transferred from one authorized person to another, and the name of the individuals qualified for receiving such a transfer; and (9) the means to enforce compliance with the procedures. |
| 2.9.3.15                                       | Health Hazard Control Plan     | The Contractor shall develop a plan to explain how it will determine the presence of hazardous or toxic agents at the service environment and explain what safety measures are to be taken. This plan shall satisfy relevant topics of Section 6 of EM385-1-1.   |
| 2.9.3.16                                       | Layout Plan                    | A written plan delivered by the Contractor to explain how buildings, power distribution systems, sewage and water systems, boundary fences, access routes, work camps, structures, and facilities will transition from existing to temporary and permanent states per section 4 of EM-385-1-1.   |
| 2.9.3.17                                       | Lead Abatement Compliance Plan | The Contractor shall develop a plan to explain how it will protect its service work force from lead exposure. This plan shall also address relevant procedures, requirements, and protocols of 29 CFR 1910.1025 and 29 CFR 1926.62.  |
| 2.9.3.18                                       | Respiratory Protection Plan    | The Contractor shall develop a plan Contractor to explain how it will protect the health of its employees whenever respirators are needed. This plan shall include service-site-specific procedures in accordance with EM 385-1-1 Section 05.E and OSHA's respiratory protection standard at 29 CFR 1910.134.  |
| 2.9.4  | Accident Reporting             | The Contractor shall report all accidents, mishaps, and near misses to the KO in a timely manner, as described below: <ul style="list-style-type: none"> <li>▪ The Contractor shall provide a verbal report to the KO within one hour of occurrence of an accident, mishap, or near miss. The Contractor may not have all the facts and information regarding the actual incident or near miss at the time of the initial report, however, it is the Government's desire to receive notification of all mishap situations as early as possible.</li> <li>▪ The Contractor shall develop a written follow-on report and shall provide a copy to the KO within two working days whenever an accident involving personal injury occurs.</li> <li>▪ The Contractor shall provide a final report of the accident, mishap, or near miss to the KO within two working days after completing the investigation of the accident.</li> </ul>   |
| 2.9.5  | Damage Reporting               | The Contractor shall submit to the KO in the manner and on the forms prescribed by the Government all damage to Government property by Contractor employees.   |
| 2.9.6  | Fire Protection                | The Contractor shall know where fire alarms are located, how to activate them, and how to properly respond to a fire alarm or fire per USNAINST 11320.8. The Contractor shall handle and store all combustible supplies,   |

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|   |                                   | <p>materials, waste and trash in a manner that prevents fire or hazards to persons, facilities, and materials.</p> <p>The Contractor shall furnish portable fire extinguishers as required to comply with the Fire Department instructions. Extinguishers in buildings shall not be removed from their location or used for any purpose other than fire.</p>   |
| 2.9.7   | Safety Inspections and Monitoring | <p>The Contractor shall be responsible for regularly inspecting its work areas, job sites, and work crews to ensure that all Contractor operations are being conducted safely. These inspections shall ensure:</p> <ul style="list-style-type: none"> <li>• The site is safe and free of job-site hazards</li> <li>• Proper PPE is being utilized and worn.</li> <li>• Safe work practices and processes are being followed.</li> <li>• Workers are familiar with the hazards covered in the respective AHA for that work activity.</li> <li>• All equipment and tools are in good condition and being used safely.</li> </ul> <p>The Government reserves the right to inspect and monitor Contractor operations for safety compliance. In general, the Government approach will be to conduct Performance Assessment on the quality and effectiveness of the Contractor's safety program. The Government reserves the right to stop any work activity that it deems to be unsafe. Contractor personnel shall work in a safe manner and comply with all applicable safety regulations. The Contractor shall be subject to safety inspections of its work sites by the Government. The Contractor shall comply with USNA NOTICE 5100, which provides the upcoming year's USNA safety inspection schedule. USNA workplaces are inspected at least annually, and high-hazard areas are inspected bi-annually. Contractor safety records shall be available to the KO upon request.</p> <p>Whenever the KO becomes aware of any safety noncompliance or any condition which poses a serious or imminent danger or hazard to the health or safety of the public or Government Personnel, the KO will notify the Contractor orally, with written confirmation, and request immediate corrective action. This notice, when delivered to the Contractor's representative or SSHO, shall be deemed sufficient notice of noncompliance and that corrective action is required. After receiving this notice, the Contractor shall immediately take corrective action. If the Contractor fails, delays, or refuses to promptly take corrective action, the KO may issue a stop work order for all or part of the services or work until satisfactory corrective action has been taken. Whenever such a stop work order has been issued, the Contractor shall waive all equitable adjustments to the contract related to the stop work ordered issued. The Contractor shall include this requirement in all of its subcontracts and vendor contracts in support of contract safety.</p> |
| 2.9.8   | Safety Certification              | <p>The Contractor shall submit copies of all the required Federal, state, county, city or industry safety related certifications for work performed under this contract. These certifications shall be kept up to date by the Contractor. The Contractor shall submit new versions of certifications to the KO as the old certifications expire. No work, that requires a certification, shall start without a valid and approved certification.</p>   |
| 2.10  | Environmental Protection          | <p>The Contractor shall comply with all applicable federal, state, and local laws, and with the regulations and standards listed in J-0200000-04. All environmental protection matters shall be coordinated with the KO. Inspection of any of the facilities operated by the Contractor may be accomplished by the Activity Environmental Protection</p>   |

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|  |   | <p>Coordinator, or authorized officials on a no-notice basis during Government regular working hours. In the event that a regulatory agency assesses a monetary fine against the Government for violations caused by Contractor negligence, the Contractor shall reimburse the Government for the amount of that fine and other costs. The Contractor shall comply with the instructions of the cognizant Navy Medical Department with respect to avoidance of conditions which create a nuisance or which may be hazardous to the health of military or civilian personnel.</p> <p>The Contractor shall comply with USNAINST 5090 and the specific requirements of all environmental permits. USNA environmental permits are listed in J-0200000-04.</p>                           |
| 2.10.1   | Hazardous Waste Disposal  | The Contractor shall dispose of all hazardous waste in accordance with the Resource Conservation and Recovery Act and all other applicable federal, state and local laws and regulations. No on-installation disposal of hazardous waste is allowed. The Contractor shall dispose of all hazardous waste generated by the Contractor using a hauler, treatment, storage, or disposal facility approved by the KO. The Contractor shall prepare a waste manifest that must be signed by the KO. The Contractor shall store waste in an approved and compliant location. The Contractor shall contact the KO at least 24 hours in advance to arrange for signing of manifests. The Contractor shall label all hazardous waste containers in compliance with EPA and DOT Requirements. |
| 2.10.2   | Universal Waste Recycling   | The Contractor shall be responsible for the proper packaging and storing of universal waste generated from work performed under this specification. Universal waste includes HID lamps, fluorescent tubes, and mercury containing devices, light ballast, and lead acid batteries. The universal waste shall be stored in one protected location, approved by the Environmental Division, at Perry Center. The Contractor shall assist with loading the universal waste as needed.  |
| 2.10.3   | Spill Prevention, Containment, and Clean-up                       | <p>The Contractor shall contain, clean up, and report all spills of oil or hazardous substances caused by the Contractor on Government property in a manner that complies with applicable federal, state, and local laws and regulations or otherwise stated herein, and the installation spill control plan, listed in J-0200000-04, at no cost to the Government.</p> <p>The Government will respond to Contractor spills if necessary, at the cost of the Contractor. All spills shall be reported to the USNA Fire Department at 410-293-3333.</p>  |
| 2.10.4   | Hazardous Material Use  | The Contractor shall ensure that procedures are in place to deal with hazardous materials, pursuant to the FAR Clause 52.223-3, HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA. The Contractor shall comply with USNAINST 4451.2 and USNAINST 4451.3 for the handling and storage of hazardous materials. The Contractor shall store and track all hazardous materials at the CHRIMP, Building 194.   |
| 2.10.5   | Protection of Endangered and Threatened Species (Flora and Fauna) | The Contractor shall not disturb endangered and threatened species and their habitat. The Contractor shall carefully protect in-place and report immediately to the KO endangered and threatened species discovered in the course of work. The Contractor shall stop work in the immediate area of the discovery until directed by the KO to resume work.   |
| 2.10.6   | Noise Control   | The Contractor shall comply with all applicable federal, state and local laws, ordinances, and regulations relative to noise control.   |
| 2.10.7   | Salvage   | All material and equipment removed or disconnected that is sound and of value shall remain the property of the Government. The Contractor shall deliver this material and equipment at the Contractor's expense to DRMO at Fort   |

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| 2.10.8   | Lead-Based Paint (LBP) and Asbestos Containing Material (ACM) | <p>Lead-based paint and asbestos containing insulation, flooring, and other building materials may be encountered by the Contractor during the performance of work under this contract, and the Contractor shall remain alert to this possibility. If LBP or ACM is encountered or suspected in the performance of work, the Contractor shall avoid removing, sanding, abrading, or disturbing the material. The Contractor shall verbally notify the KO within one hour and follow-up with written notification within 24 hours.</p> <p>The KO will provide confirmation of LBP or ACM if contained within existing surveys, or may order the Contractor to provide testing of the suspected material. Based on the test results, the COR will either:</p> <ul style="list-style-type: none"> <li>• Order the LBP or ACM removed by the Contractor under the IDIQ portion of this contract which will require the Contractor to submit a removal plan to the COR for approval prior to starting work or</li> <li>• Have the LBP or ACM removed under separate contract.</li> </ul> |
| 2.10.9   | Storm Water and Waste Water                                   | The Contractor shall not discharge any waste or wash water into storm drains without prior approval of the KO. The Contractor shall ensure all required sediment and erosion control measures are installed and checked weekly and/or after a rain event. All wastewater discharges into sanitary system shall be in compliance with permit limitations.  |
| 2.11   | Disaster Preparedness   | The Contractor shall comply with the activity's Contingency Instruction, USNAINST 12610.4. The Contractor shall prepare the installation before, and perform damage evaluation and emergency recovery after, natural disasters and other emergencies as directed by the KO.   |
| 2.12   | Energy Management   | The Contractor shall comply with the activity's energy conservation program and USNAINST 4100.3. The Contractor shall instruct all Contractor personnel in energy conservation practices and require them to operate and maintain utility systems in a manner that precludes wasteful use of energy. The Contractor is encouraged to submit ideas for energy savings to the KO. Use of high energy consuming tools or equipment is subject to approval by the KO prior to use.  |
| 2.13   | Technical Library   | Existing technical library contents will be furnished by the Government. The Contractor shall continually update to ensure all data is current, complete, accurate and suitable for intended use. Libraries include facility drawings, operation & maintenance manuals, warranties, Government publications, record drawings and other appropriate material. The Contractor shall monitor the use of the libraries to ensure materials are returned and data integrity is not compromised. The Contractor shall maintain the libraries until completion or termination of the contract and make the libraries available for inspection by prospective offerors for successive contracts. The libraries are the property of the Government and shall be turned over to the KO upon completion or termination of the contract. Copies of all drawings, operation & maintenance manuals, technical manuals, and warranties for equipment installed during the performance of this contract shall be submitted to the Government.   |
| 2.14   | Warranty Management   | The Contractor shall report to the KO all defects in workmanship, material, parts, or improper installation by others and found by the Contractor to be covered by a warranty prior to performing repair work. The Contractor is responsible for knowing which equipment and components are covered by the original warranty and the warranty duration.   |
| 2.15   | FFP Work Procedures   |   |

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| <b>Spec Item</b>                               | <b>Title</b>  | <b>Description</b>   |
| 2.15.1   | Work Reception  | <p>The Government will receive and classify all service call requests. During Government regular working hours, service calls will be issued to the Contractor through the CMMS. After Government regular working hours, the PWD Duty Officer will receive all calls and will forward emergency and urgent calls to the Contractor for response.</p> <p>The Contractor shall establish a work reception function with the capability to receive and coordinate response to service calls issued by the Government through CMMS and by phone, as applicable. The Contractor shall provide two dedicated local, toll free or cellular phone lines for receipt of service calls. Call recording devices shall not be used.</p>  |
| 2.15.2   | Notification to the Government for Work Above the FFP Limitations | When repair work is expected to exceed the FFP limits for any sub-annex, the Contractor shall provide notification to the COR within two working days and follow the procedures detailed below.  |
| 2.15.2.1                                       | Work Beyond Service Call Limits                                   | <p>If the Contractor responds to a service call and determines that the work required is beyond the scope of a service call, the Contractor shall submit a summary of the work needed and a detailed cost estimate to the KO within five workdays after responding to the service call. Cost estimates shall be provided as specified for IDIQ work in Spec Item 2.16.</p> <p>If the KO determines that the work falls within the scope of a service call, the original work authorization will be returned to the Contractor, who shall complete the work. Work on such calls shall still be completed within the timeframe specified on the original service call, plus the amount of time the service call was held by the KO for determination.</p> <p>If the KO determines that the work required is beyond the scope of a service call, the scope of the work may be reduced and work shall continue on the original service call. Alternately, the work may be issued as an IDIQ task order or completed by means other than this contract.</p> |
| 2.15.2.2                                       | Work Beyond PM Limits   | The Contractor shall report any deficiencies or needed repairs discovered during the PM that are outside the scope of the PM. Upon notification by the Contractor, this work may be accomplished at the Government's discretion by service call or indefinite quantity work under this Contract or by other means  |
| 2.15.3   | FFP Exhibit Line Item Numbers (ELINs)                             | Refer to J-0200000-09 for FFP ELINs.   |
| 2.16   | IDIQ Work   | <p>The Contractor shall provide all labor, transportation, supervision, tools, materials, equipment, planning, estimating, and scheduling and management required to perform IDIQ work. IDIQ work may consist of Unit Priced Tasks (UPT) Work (non-negotiated) and Unit Priced Labor (UPL) Work (negotiated). The Contractor shall perform all IDIQ task work as ordered by the KO per Section G and DoD EMALL requirements in Section H. IDIQ work will consist of Unit Priced Tasks and Unit Priced Labor Work which may be ordered by the Government as separate items or in combinations of items from the Schedule of Indefinite Quantity Work (Bid Schedule) in Section B on an as needed basis.</p> <p>IDIQ work may originate from routine work that exceeds the Service Call or PM work limits or may consist of a</p>  |

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| <b>Spec Item</b>                               | <b>Title</b>                           | <b>Description</b>  |
|  |  | one-time repair, service, or alteration requirement not included in the Firm Fixed-Price portion of the contract. The requirement for IDIQ work may be identified by either the KO or the Contractor, but work shall not begin until a task order is issued by the KO.  |
| 2.16.1   | Unit Priced Task Work (Non-Negotiated) | A Unit Priced Task (UPT) is defined as an IDIQ work item that includes all direct and indirect costs plus profit associated with the particular unit of work. All materials and equipment (rented or owned) required for the accomplishment of a UPT shall be included within the respective exhibit line item prices. The FFP for the task order is determined by multiplying the exhibit line item unit prices by the quantities ordered. The Contractor is not required to submit cost estimates for UPTs.   |
| 2.16.1.1                                       | Acceptance and Performance             | The Contractor shall possess the capability to accept and perform IDIQ work via an electronic medium with Clients utilizing their Government Purchase Card.   |
| 2.16.1.2                                       | Invoicing and Receiving Payment        | The Contractor shall possess the capability to invoice and receive payment for IDIQ work via an electronic medium with Clients utilizing their GPC. No partial or advance payments are provided.<br><br>The Contractor will be paid a fixed price for each task order issued, following final completion and acceptance of work. A detailed report allocating value of work performed by line items identified in the Schedule and any accompanying exhibits is to be submitted monthly, including all IDIQ task orders completed. The Contractor shall notify the KO when 80% of any IDIQ line item (CLIN/ELIN) is reached.  |
| 2.16.2   | Unit Priced Labor Work (Negotiated)    | The Contractor shall perform all UPL work in accordance with the scope and delivery schedule negotiated per each task order. Unit Priced Labor (UPL) work is defined as IDIQ work that utilizes negotiated labor hours and materials to accomplish a task not required by the fixed-price portion of the contract. UPL work includes separately priced labor, materials, and equipment exhibit line items. The Contractor shall prepare and furnish a detailed cost estimate identifying proposed labor, material, and equipment costs, which upon approval by the KO, becomes a FFP task order.  |
| 2.16.2.1                                       | IDIQ Preparation of Proposals          | Except in circumstances specified under Spec Item 2.15.2, Notification to the Government for Work Above the FFP Limitations, the Government will issue Requests for Proposals (RFP) for IDIQ work with the following information: RFP Number, Date of issue by Government, Required Completion Date, and Detailed Scope of Work Description. Upon receipt of an RFP, the Contractor shall prepare and submit a detailed cost estimate to the KO within five working days.<br><br>The Contractor shall provide proposals for all IDIQ work requirements. The Contractor's proposal shall include a detailed estimate providing a breakdown of costs by labor hour, all required materials, and any specialized equipment rentals required to complete the IDIQ work. Estimates and all supporting information, documentation, including cut sheets and calculations shall be submitted to the KO. The Contractor's proposal for IDIQ work shall be valid for a minimum of 90 calendar days from date of proposal submission.<br><br>The KO will review the Contractor's proposal and negotiate the scope of work, price, and completion time. When the KO and the Contractor agree on the scope of work, price, and completion time; the KO will issue a task order for the work. If no satisfactory agreement can be reached between the KO and the Contractor, the KO shall make |

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| <b>Spec Item</b>                               | <b>Title</b>                       | <b>Description</b>  |
|  |                                    | the final determination of craft hours, material, and equipment costs required and may elect to procure the work from other sources.  |
| 2.16.2.1.1                                     | Labor Requirements                 | <p>The labor estimate for required trades shall be expressed in labor hours and the corresponding R.S. Means (Means®) manuals line item number or other source of comparable task time standard shall be identified. For tasks not exactly identifiable in Means®, work content comparison shall be performed using accepted industry practices.</p> <p>The Contractor shall provide a composite labor hour unit prices for Davis-Bacon Act (DBA) and Service Contract Act (SCA) IDIQ work as listed in IDIQ ELINs in J-0200000-09. The composite labor hour unit prices shall include all labor trade or craft categories that may be needed to perform the DBA or SCA IDIQ work.</p> <p>The DBA composite labor hour unit price bid by the Contractor is the cost to provide one hour of work-in-place and includes all costs, direct and indirect, associated with performing an hour of work. The SCA composite labor hour unit price bid by the Contractor typically includes, but is not limited to, the Contractor's hourly craft wage, adjusted to allow for the Contractor's work force productivity, (i.e. the Contractor's estimate of how the work force will perform in relation to the applicable performance standards); and all costs for pre-expended bin materials and supplies, profit, tools, equipment, field and home office overhead, clerical support, supervision, overtime, inspection, fees, taxes, licenses, permits, insurance, etc.</p> <p>The total labor cost estimate shall be the sum of the required individual labor hours multiplied by the composite hour rate from the IDIQ ELINs in J-0200000-09.</p> |
| 2.16.2.1.2                                     | Material Requirements              | Current R. S. Means or similar estimating sources or standard vendor catalogs such as "McMaster-Carr", "W.W. Granger", "Graybar", "Mitchell" or other approved vendor catalog sources shall be used for determining the material estimate. Three vendor quotes and cut sheets shall be required for all individual repair parts or materials not included in a standard estimating source or vendor catalog. Material estimates shall include a detailed bill of materials indicating the size, quality, number of units, and unit prices. Pre-expended bin supplies and materials will not be included in the list of materials since the cost for these items were included in the labor hour unit price bid. The Government will not pay cost of consumables, fuels, and supplies, material ordering, packaging and storage. Material prices provided by the Contractor shall be the lowest price available considering the availability of materials and the time constraints of the job. The direct material price shall be adjusted by all discounts, burden rates, and rebates for core value or salvage value that accrue to the Contractor.  |
| 2.16.2.1.3                                     | Specialized Equipment Requirements | Estimates for specialized equipment may be added if required. Estimates shall include a detailed price list stating size, capacities, quality, and unit prices. Rental equipment shall be based on the lowest prices available considering the availability and time constraints of the job. Cost for equipment operators, when separate operators are required, shall be estimated on an hourly basis unless operator cost is included in the equipment rental price   |
| 2.16.2.2                                       | Issuance of Final Task Order       | The KO will order unit priced labor by issuing to the Contractor a copy of the approved scope of work and a task order for the work described, in accordance with Section G. Task order completion times will be specified on each task order.  |

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| <b>Spec Item</b>                               | <b>Title</b>                            | <b>Description</b>  |
| 2.16.2.3                                       | Changes to Scope of Work in Task Orders | If during the performance of IDIQ task orders, the Contractor encounters unforeseen conditions related to the Government-developed scope of work which impact the original work and which could not be evaluated during the initial estimating process, the Contractor shall not proceed without KO authorization. The KO will request the Contractor provide all details and recommendations for the unforeseen condition and prepare an estimate for the changed portion only. The KO will, after review and successful negotiation, issue a modification to the original task order for the change of scope.   |
| 2.16.2.4                                       | IDIQ Task Order Completion              | <p>All IDIQ work shall be completed by the date specified in the task order unless modified by the KO.</p> <p>Lack of materials, supplies, equipment, tools, and transportation shall not be an acceptable cause for delays in minor work completion dates. Non-compliance with scheduled completion dates shall be subject to withholdings in accordance with SECTION E, "CONSEQUENCES OF CONTRACTORS FAILURE TO PERFORM REQUIRED SERVICES".</p> <p>The Contractor shall schedule a final inspection with the COR upon completion of each project. The KO will not accept work until a final inspection is held and the Contractor corrects all discrepancies and provides all applicable O&amp;M manuals, as-built drawings, and warranty information.</p> <p>After completion of each IDIQ task order and final acceptance by the KO, the Contractor shall invoice the Government for payment as specified in the "INVOICING INSTRUCTIONS" clause in Section G. Partial or interim payments for minor work projects will not be made</p> |
| 2.16.3   | IDIQ ELINS                              | Refer to J-0200000-09 for IDIQ ELINS.   |

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| Spec Item                     | Title                              | Description   |
| 1                             | General Information                | The Contractor shall provide all labor, management, supervision, tools, material, and equipment required to perform Facility Investment services for facilities at Naval Support Activity Annapolis.  |
| 1.1                           | Facility Investment General Intent | <p>The intent of 1502000 Facility Investment is to specify the requirements for the Sustainment, Restoration and Modernization (SRM) sub-functions only. The SRM requirements within this sub-annex primarily consist of infrastructure sustainment and minimal restoration and modernization work. Sustainment is the maintenance and repair necessary to keep an inventory of facilities and other assets in good working order. Restoration and modernization normally consists of major rehabilitation and capital improvements that is accomplished through other Navy programs. Some major repair, minor construction and stand-alone demolition may be accomplished as part of sustainment.</p> <p>The Contractor shall perform maintenance, repair, alteration, demolition and minor construction for the following:</p> <p><b>Building and Structures Maintenance</b></p> <ul style="list-style-type: none"> <li>-Interior and exterior finishes</li> <li>-Plumbing (<del>Includes backflow prevention devices</del>)</li> <li>-Grease Traps</li> <li>-Exhaust Hoods and Ducts</li> <li>-Electrical</li> <li>-Structural</li> <li>-Bridge and Jib Cranes</li> <li>-Relamping</li> <li>-Locksmithing</li> <li>-Interior and exterior doors, sliding doors, and roll-up doors</li> </ul> <p><b>Building Systems</b></p> <ul style="list-style-type: none"> <li>-HVAC&amp;R</li> <li>-Fire Protection</li> <li>-Vertical Transportation Equipment (VTE)</li> <li>-Intrusion Detection Systems</li> <li>-Boilers (excluding Central Heating Plant which is specified in Annex 1605000, Steam)</li> <li>-Compressed Air Systems</li> <li>-Weight Handling Equipment (WHE)</li> </ul> <p><b>Miscellaneous</b></p> <ul style="list-style-type: none"> <li>-Rifle and Pistol Ranges</li> <li>-Emergency Generator Systems</li> <li>-Uninterruptible Power Systems (UPS)</li> <li>-Lightning Arrestors and Grounding Devices</li> </ul> |

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|  |  | <ul style="list-style-type: none"><li>-Swimming Pools and Ornamental Fountains</li><li>-Eye wash stations</li><li>Roads and Paved Surfaces<ul style="list-style-type: none"><li>-Traffic Control Devices</li><li>-Striping</li><li>-Curbs, sidewalks and parking lots</li><li>-Bridges</li><li>-Drainage Systems</li></ul></li><li>Waterfront<ul style="list-style-type: none"><li>-Piers and Bulkheads</li></ul></li><li>Miscellaneous Items<ul style="list-style-type: none"><li>-Signage</li><li>-Fencing</li><li>-Monuments and benches</li><li>-Athletic equipment and facilities</li></ul></li></ul> |
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| <b>1502000 – Facility Investment</b> |                               |  |
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| <b>Spec Item</b>                     | <b>Title</b>                  | <b>Description</b>   |
| 2                                    | Management and Administration |  |
| 2.1                                  | Definitions and Acronyms      |  |
| 2.1.1                                | ABPA                          | American Backflow Preventer Association  |
| 2.1.2                                | A/C                           | Air Conditioning   |
| 2.1.3                                | ANSI                          | American National Standards Institute  |
| 2.1.4                                | ASHRAE                        | American Society Heating, Refrigerating and Air Conditioning Engineers   |
| 2.1.5                                | CHP                           | Central Heating Plant  |
| 2.1.6                                | Columbarium                   | A structure or vault lined with recesses for cinerary urns.  |
| 2.1.7                                | DDC                           | Direct Digital Controls. Systems which control and monitor A/C and heating temperatures.   |
| 2.1.8                                | EMCS                          | Energy Management Controls System. A system designed to manage heating/cooling ventilation, air quality, lighting and security levels in order to reduce building operating costs and conserve energy.   |
| 2.1.9                                | HVAC                          | Heating, Ventilation, and Air Conditioning   |
| 2.1.10                               | HVAC&R                        | Heating, Ventilation, and Air Conditioning and Refrigeration   |
| 2.1.11                               | IBC                           | International Building Code  |
| 2.1.12                               | IDS                           | Intrusion Detection Systems  |
| 2.1.13                               | IPC                           | International Plumbing Code  |
| 2.1.14                               | LRMP                          | Long Range Maintenance Plan. A five-year program for projecting maintenance and repair requirements, costs, and budgets.   |
| 2.1.15                               | NFPA                          | National Fire Prevention Association   |
| 2.1.16                               | OEM                           | Original Equipment Manufacturer  |
| 2.1.17                               | Preventive Maintenance (PM)   | PM is the scheduled maintenance of equipment so it may be utilized for its designated purpose. PM includes inspection, cleaning, lubrication, adjustment, calibration, parts and component replacement (e.g. filters, belts, hoses, fluids, oil, grease, miscellaneous electronic parts and components, etc.) required to minimize failure, breakdown, and deterioration of equipment. PM also includes the identification of any repairs required to ensure proper operation and bring equipment to manufacturers operating standards.  |
| 2.1.18                               | Service Call                  | Services calls are unscheduled or scheduled maintenance, repair, alteration and fabrication of miscellaneous items, installation of equipment and miscellaneous items, relocation of equipment, materials and devices, and other services. Service calls are classified as emergency, urgent, or routine work requests. Service calls are called into the work reception center by building occupants or generated by designated Government or Contractor representatives; are brief in scope; and do not reasonably require detailed job planning. Multiple maintenance, repair, and minor construction requirements received for the same trade in the same building or structure at the same time will be combined into one service call as long as the service call threshold is not exceeded. |
| 2.1.18.1                             | Emergency Service Call        | Emergency service call is work requiring immediate action to correct failures and/or secure an area that constitutes an immediate danger to personnel, threaten to damage property, or threaten to disrupt activity operations and/or training missions.   |

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| <b>Spec Item</b>                     | <b>Title</b>                    | <b>Description</b>  |
|                                      |                                 | Examples include unscheduled outages in utility systems which support training equipment or provide other vital services, clogged drains, broken water pipes, gas leaks, inoperable pumps, roof leaks, electrical defects which may cause fire or shock, etc. Service calls will be classified as emergency at the discretion of the Government.  |
| 2.1.18.2                             | Urgent Service Call             | Urgent Service Call is work that consists of providing services or correcting failures which do not immediately threaten personnel, property, or activity missions, but will soon inconvenience and/or affect the health or well being of personnel, lead to property damage, or lead to disruption in operational or training missions. Calls will also be classified as urgent when the service or failure has upper level or command/management attention. Service calls will be classified as urgent at the discretion of the Government.               |
| 2.1.18.3                             | Routine Service Call            | Service calls that are not an emergency in nature and do not require an urgent response.  |
| 2.1.19                               | SJO                             | Standing Job Order. SJOs include a variety of work that is repetitive in nature or performed on a recurring basis.  |
| 2.1.20                               | SRM                             | Sustainment, Restoration and Modernization  |
| 2.1.21                               | UPV                             | Unfired Pressure Vessel   |
| 2.1.22                               | UBC                             | Uniform Building Code   |
| 2.1.23                               | UFC                             | Unified Facilities Criteria   |
| 2.1.24                               | UPS                             | Uninterruptible Power Supply  |
| 2.1.25                               | VTE                             | Vertical Transportation Equipment   |
| 2.1.26                               | Weight Handling Equipment (WHE) | Weight handling equipment consists of cranes (e.g., portal cranes, jib cranes), rigging gear (e.g., slings, shackles), and associated equipment (e.g., portable hoists, dynamometers). For purposes of this technical sub-annex, WHE does not include mobile or transportable truck, crawler, and railway mounted locomotive cranes covered in 1700000 BSVE.  |
| 2.2                                  | Personnel                       | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required for efficient operation, maintenance and repair within the SRM function.  |
| 2.2.1                                | Certification and Training      | Specific certification and training requirements are addressed herein and in the applicable Spec Item 3 below. The Contractor shall provide evidence of required licenses and certifications upon request from the KO.  |
| 2.2.1.1                              | Asbestos Workers                | Contractor employees involved in handling or abatement of asbestos are required to have completed EPA Asbestos Hazard Emergency Response Act (AHERA) Initial training and attend EPA AHERA Refresher training annually. The supervisor responsible for asbestos abatement personnel must have completed EPA AHERA Supervisor Initial training and attend EPA AHERA Supervisor Refresher training annually.<br><br>Annual accreditation from the State of Maryland is required for all Contractor employees involved with handling or abatement of asbestos. |
| 2.2.1.2                              | Lead Abatement Workers          | Contractor employees involved in lead abatement are required to have completed Lead Abatement Worker Initial training and attend Lead Abatement Worker Refresher training tri-annually. The supervisor responsible for lead abatement personnel must have completed Lead Abatement Supervisor Initial training.<br><br>Annual accreditation from the State of Maryland is required for all Contractor employees involved with lead abatement.   |

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| Spec Item                     | Title  | Description   |
| <del>2.2.1.3</del>            | <del>Backflow Prevention Assembly Certifications</del> | <del>Contractor employees responsible for testing Backflow Prevention Devices shall have plumbing/pipefitter journeyman level experience and shall have a backflow protection assembly tester certificate and number issued by ABPA, University of Florida, or University of Southern California. Backflow Prevention Assembly Tester Certification Training is required every three years.</del>   |
| 2.2.1.3                       | EPA Ozone-depleting Substances Certification           | Certification required for all Contractor employees who perform repairs or service on air conditioning and refrigeration equipment containing ozone-depleting substances, per ASHRAE-3 1990 Guidance. Information available through <a href="http://www.epa.gov/Ozone/title6/608/">http://www.epa.gov/Ozone/title6/608/</a>   |
| 2.2.1.4                       | High Voltage Electrical Training                       | Annual training is required for all Contractor employees who work on high voltage electrical systems. Training shall include: High Voltage electrical safety training (NFPA 70E), High Voltage Equipment Maintenance, and High Voltage troubleshooting techniques and National Electrical Code classes)   |
| 2.2.1.5                       | Exposure to Lead Training                              | “Occupational Exposure to Lead” Training is required annually for workers who work on or around the Small Arms Range.   |
| 2.2.1.6                       | Welding Certification                                  | Welders shall be journeymen level or certified in writing for the specific welding process being performed per applicable ASME, ANSI, AWS standards. Welders shall be ASME certified to perform pipe welding on pressure vessels.   |
| 2.2.1.7                       | Pool Operator Certification                            | Contractor employees responsible for water quality testing and treatment for pools shall be licensed as a Certified Swimming Pool Operator by the State of Maryland Health Department.  |
| <del>2.2.1.8</del>            | <del>Boiler Operator Certification</del>               | <del>Heating and Power Boiler operators shall be qualified as having minimum training, certification, and experience specified in Section 3170 of NAVFACINST 11300.37 and applicable state or local certification as required.</del>  |
| 2.3                           | Workmanship and Material Standards                     | <p>The Contractor shall be responsible for maintaining all facilities, systems, and equipment, identified in this technical sub-annex, to a standard that prevents deterioration beyond that which results from normal wear and tear and corrects deficiencies in a timely manner to assure full life expectancy of the facilities, systems, and equipment. Best commercial practices shall be applied in the performance of work. All work shall be completed per approved and accepted industry and equipment manufacturers’ standards and shall comply with building and safety codes, applicable activity, local, state, and federal regulations, and other technical requirements identified within this technical sub-annex.</p> <p>Workmanship for maintenance and repair shall include all work necessary to complete facility and system restoration, including touch-up painting and operational checks. Upon completion of work, the Contractor shall ensure all facilities, systems, and equipment are free of missing components or defects which would affect the safety, appearance, or habitability of the facilities and structures or would prevent any electrical, mechanical, plumbing or structural system from functioning in accordance with design intent. Repairs shall be made in accordance with the manufacturers’ specifications and guidelines, and standard building codes. The quality of repairs shall meet the applicable standards and shall prevent any malfunction reoccurrences caused by poor workmanship or other contractor inadequacies. The quality of the repaired areas shall be fully compatible with adjacent surfaces or equipment. Except where otherwise specified, replacements shall match existing in dimensions, finish, color, design, and functionality and shall have an appearance similar to the original finished appearance with only minor unobjectionable deterioration resulting from normal use.</p> |

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Comment [u3]: Amd0003

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| Spec Item                     | Title                 | Description  |
|                               |                       | The Contractor shall not allow debris to spread unnecessarily into adjacent areas nor accumulate in the work area. All such debris, excess material, and parts shall be cleaned up and removed at the completion of the job and at the end of each day work is in progress. Upon completion of work, any stains and other unsightly marks shall be removed.  |
| 2.4                           | Records and Reports   | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.   |
| 2.5                           | Historic Preservation | <p>For all repair, modification, or alteration work under this contract on historic facilities that requires notification or approval by the Department of Interior (DOI) or the State Historic Preservation Office (SHPO), the Contractor shall provide the necessary supporting documentation to the Public Works Department Cultural Resources Manager.</p> <p><del>The Contractor shall provide the necessary supporting documentation to the Public Works Department Cultural Resources Manager for all repair, modification, or alteration work on historic facilities that requires notification or approval by the Department of Interior (DOI) or the State Historic Preservation Office (SHPO).</del> Refer to the National Historic Preservation Act of 1966, as amended and to 36 CFR Part 800 to determine type of work that requires notification or approval.</p> |

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| <b>1502000 – Facility Investment</b> |               |   |  |  |
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| <b>Spec Item</b>                     | <b>Title</b>  | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>  |
| 3                                    | FFP Work      | The Contractor shall maintain, repair, and alter facilities, systems, and equipment to ensure they are fully functional and operational.  | <p>The current facility inventory for SRM is provided in J-1502000-01.</p> <p>Site maps are provided in J-1502000-02.</p> <p>The work will consist of service calls, implementation of a PM program, support for testing and certification, and other recurring services.</p> <p>The Contractor shall maintain current all facility maintenance data and warranty records in the technical library and CMMS per Annex 2. The KO may request a report at any time and the Contractor shall provide the detailed report within 24 hours.</p>   | Facilities, systems, and equipment are in an operable condition and function properly in accordance with specified standards.  |
| 3.1                                  | Service Calls | The Contractor shall perform service call work in a timely manner and ensure facilities, systems, and equipment are restored to a safe, operable condition and function properly. | <p>The Contractor shall receive service calls in accordance with the work reception requirements in Annex 2. Service calls shall be considered received by the Contractor as denoted on the time and date stamp on the CMMS service call record. After normal working hours, service calls shall be considered received at the time of telephone notification to the Contractor.</p> <p>The Contractor shall perform service calls to accomplish any work identified within the entire boundary of the installation and will include a wide variety of work. J-1502000-03 provides historical data and samples of the work variety.</p> <p>The Contractor shall respond to all service calls with the appropriate qualified service personnel and necessary equipment to perform the work.</p> | <p>Service call work is responded to and completed within the specified time.</p> <p>Facilities, systems, and equipment are restored to operable condition and function properly in accordance with OEM specifications.</p> <p>Work is accomplished per Spec Item 2.4, Workmanship and Material Standards.</p> <p>When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel.</p> |

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| Spec Item                     | Title | Performance Objective | Related Information  | Performance Standard |
|                               |       |                       | <p>The Contractor shall maintain sufficient materials and equipment on hand to support service call work requirements. Lack of availability of material or equipment will not relieve the Contractor from the requirement to complete service call work within the time limits specified.</p> <p>Service calls are limited to a threshold of 24 hours labor or \$2,000 estimated labor and direct material cost.</p> <p>The Contractor shall, per Annex 2, notify the KO upon identification that the service call will exceed the threshold listed above.</p> <p>If the Contractor requires a time extension in order to complete the job, the Contractor shall submit a request in writing to the KO, specifying the circumstances and providing justification to support the extension request. The KO will evaluate the request and decide if an extension should be granted.</p> <p>Within two working days after completion of each service call, the Contractor shall enter the following required entries into the CMMS:</p> <ul style="list-style-type: none"> <li>a) Description of work actually completed.</li> <li>b) Detailed description of material and parts used, including quantities and cost.</li> <li>c) Date and time the work began.</li> <li>d) Date and time the work was completed.</li> <li>e) Hours of labor (by actual craft) expended.</li> <li>f) Initials of the Contractor’s craftsman performing the work (or supervisor), indicating that the work has been completed and inspected by the Contractor.</li> <li>g) Warranty information for all equipment</li> </ul> |                      |

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| <b>Spec Item</b>                     | <b>Title</b>            | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |                         |  | installed or replaced.   |   |
| 3.1.1                                | Emergency Service Calls | <p>The Contractor shall respond to emergency service calls and arrest emergent conditions to minimize and mitigate damage to facilities, systems, and equipment, and danger to personnel.</p> <p>Associated repairs are completed to ensure facilities, systems, and equipment are restored to a safe, operable condition and function properly.</p> | <p>The Contractor shall be available to perform emergency service calls 24 hours a day, seven days a week throughout the contract period. Historical data for the number of emergency service calls is shown in J-1502000-03.</p> <p>The Contractor provide emergency service call response within the following times based on location:</p> <ul style="list-style-type: none"> <li>- USNA Main Yard: within 15 minutes of receipt, 24 hours a day, 7 days a week</li> <li>- North Severn and other locations within NSA Annapolis: within 20 minutes of receipt, 24 hours a day, 7 days a week</li> <li>- NOSC Baltimore: within one hour after receipt during regular working hours and within two hours after receipt outside of regular working hours.</li> </ul> <p>The Contractor shall respond to emergency calls, commence work immediately, and work without interruption to correct, remedy, or take other action as required to contain the emergency condition before departing the job site (e.g., shut off water, close gas valve, temporarily patch roof leak, restore power, etc.).</p> <p>If further labor and material (follow-up work) are required to complete the repair, the call shall be completed within 7 calendar days. Such follow-up work shall be considered part of the original service call.</p> | <p>Emergency service calls are responded to within the specified time.</p> <p>Work is continued without interruption until emergent condition is arrested.</p> <p>Facilities, systems, and equipment are restored to operable condition and function properly in accordance with OEM specifications.</p> <p>Work is accomplished per Spec Item 2.4, Workmanship and Material Standards.</p> <p>When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel.</p> |
| 3.1.2                                | Urgent Service Calls    | The Contractor shall respond to urgent service calls and eliminate urgent conditions to minimize and mitigate damage to facilities,  | The Contractor shall be available to perform urgent service calls 24 hours a day, seven days a week throughout the contract period. Historical data for the number of urgent service calls is  | Urgent service calls are responded to during the same day after receipt of an urgent call.  |

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| <b>Spec Item</b>                     | <b>Title</b>          | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                                      |                       | systems, and equipment, and hazards to personnel.   | <p>shown in J-1502000-03.</p> <p>The Contractor shall respond to urgent calls, commence work immediately, and work without interruption to correct, remedy, or take other action as required to contain the urgent condition before departing the job site (e.g., shut off water, close gas valve, temporarily patch roof leak, restore power, etc.).</p> <p>If further labor and material (follow-up work) are required to complete the repair, the call shall be completed within 7 calendar days. Such follow-up work shall be considered part of the original service call.</p> | <p>Work is continued without interruption until urgent condition is arrested and follow-up work is completed within seven calendar days.</p> <p>Facilities, systems, and equipment are restored to operable condition and function properly in accordance with OEM specifications.</p> <p>Work is accomplished per Spec Item 2.4, Workmanship and Material Standards.</p> <p>When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel.</p> |
| 3.1.3                                | Routine Service Calls | The Contractor shall respond to and complete routine service calls in a timely manner and ensure facilities, systems, and equipment are restored to a safe, operable condition and function properly. | <p>Performance of routine service calls is normally accomplished during of Government regular working hours.</p> <p>Historical data for the number of routine service calls is shown in J-1502000-03.</p>   | <p>Routine service calls are responded to within five calendar days and completed within 15 calendar days.</p> <p>Facilities, systems, and equipment are restored to operable condition and function properly in accordance with OEM specifications.</p> <p>Work is accomplished per Spec Item 2.4, Workmanship and Material Standards.</p> <p>When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel.</p>                               |

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| <b>Spec Item</b>                     | <b>Title</b>                        | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
| 3.1.4                                | Super Service Calls                 | The Contractor shall complete super service calls in a timely manner and ensure facilities, systems, and equipment are restored to a safe, operable condition and function properly. | <p>These calls are over and above the scope of the above defined service calls and are not included in the historical data for service calls shown in J-1502000-03.</p> <p>Super service calls will be ordered by the KO for work that exceeds the service call limit but is estimated to be less than \$5000 in total labor and material cost. Super service calls are generally issued for work that is not complex in nature and a detailed cost estimate or job plan is not necessary.</p> <p>Super service calls are limited to \$5000 in total labor and material cost. Historically 220 to 250 task orders within this scope have been ordered annually at an average total cost of \$3175 per task order. The Contractor shall include 150 super service calls within the FFP requirements of this specification. Additional super service calls may be ordered using the IDIQ ELIN.</p> | <p>Super Service Calls are completed within 30 calendar days of receipt of the original service call or by the specified date.</p> <p>Facilities, systems, and equipment are restored to operable condition and function properly in accordance with OEM specifications.</p> <p>Work is accomplished per Spec Item 2.4, Workmanship and Material Standards.</p> <p>When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel.</p> |
| 3.2                                  | Preventive Maintenance (PM) Program | The Contractor shall develop and implement a PM program for systems and equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life.                   | <p>The Contractor shall submit a PM program to the KO to validate completeness. The PM program shall be developed based on an economical approach, manufacturers' recommended procedures, OEM standards, and maintenance required to satisfy equipment warranties.</p> <p>A summary of PM Job Plans and SJOs is provided in J-1502000-04. These PM Job Plans represent the minimum requirements for PM. The Contractor is encouraged to recommend additions and deletions to the checklists to improve the program. In addition, the Contractor shall provide recommendations for the PM of replacement parts and equipment if different from the item replaced. The Contractor shall develop PM Job Plans for the</p>   | <p>The Contractor's PM program is submitted within 30 days following award.</p> <p>PM is accomplished per the Contractor's program and work schedule.</p>   |

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| Spec Item                     | Title | Performance Objective | Related Information  | Performance Standard |
|                               |       |                       | <p>systems and equipment at NOSC Baltimore and submit these planned PMs and associated frequencies with the PM Program.</p> <p>A PM Equipment inventory is provided in J-1502000-05.</p> <p>The systems and equipment, including associated inventories, that shall be included in the PM program are addressed in the PM Spec Items below.</p> <p>The Contractor shall perform any repairs identified during performance of PM requiring less than one hour of labor and \$100.00 in material costs, per piece of equipment.</p> <p>Notification of repair work exceeding the PM limit shall be submitted to the KO within two working days of identification. Service calls or IDIQ work may be issued for repairs exceeding the PM limit.</p> <p>Excessive or repeated system or equipment breakdowns or deficiencies may indicate the need to adjust or modify the Contractor’s PM program. These changes will be made at no additional cost to the Government.</p> <p>The Contractor shall schedule and issue PMs through the CMMS. PMs shall be closed out with appropriate data records into CMMS within two days of completion. The Contractor shall submit a monthly PM schedule to the COR by the 25<sup>th</sup> of each month.</p> |                      |

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| <b>Spec Item</b>                     | <b>Title</b>                   | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                                      |                                |   | <p>The Contractor shall maintain records of PM performed including the date performed, labor hours, materials used, and explanation of any equipment problems found. All records shall be provided to the Government for review upon request and turned over upon completion or termination of the contract.</p>  |   |
| 3.2.1                                | HVAC and Refrigeration Systems | The Contractor shall perform PM for HVAC and refrigeration systems and equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The Contractor shall perform PM on components, devices, equipment and associated systems for all types of heating, ventilation, air conditioning and refrigeration (HVAC&amp;R) units, their components, and EMCS components.</p> <p>The HVAC and refrigeration system inventory is included in J-1502000-05 and J-1502000-06.</p> <p>Temperature settings shall be maintained at 76°F (+/- 2°F) during the cooling season and 68°F (+/- 2°F) during the heating season, unless otherwise directed by the Government.</p> <p>All workmanship and materials shall comply with IPC, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE) Handbook, and manufacturer's recommendations.</p> <p>The Contractor shall not vent or otherwise dispose of any Class I ozone-depleting refrigerant in a manner that will permit its release into the environment. These refrigerants shall be captured and recycled in accordance with all Federal, state, and local environmental regulations. The Contractor shall comply with USNA's Ozone</p> | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

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| Spec Item                     | Title                               | Performance Objective   | Related Information   | Performance Standard  |
|                               |                                     |   | Depleting Substance (ODS) Management Plan when dealing with refrigerant loss and ODS Management. Any and all ozone depleting substances (ODS) that are released to the atmosphere shall be immediately reported to the KO.  |   |
| 3.2.1.1                       | HVAC Seasonal Start-Up and Shutdown | The Contractor shall perform seasonal start-up and shutdown to ensure HVAC/EMCS systems are prepared and activated at the start of each season and deactivated and preserved at the end of each season. | <p>The Contractor shall perform start-up and shutdown of HVAC/EMCS systems for facilities identified in the applicable SJO.</p> <p>Air conditioning systems are normally shutdown during the months of October or November, and started up during the months of April or May; however, the length of the season will vary and no adjustment in the contract price will be made regardless of the actual length of the season. The KO will advise the Contractor of the specific date or dates when such services should begin to be accomplished. Seasonal start-up and shutdown shall be performed per USNAINST 4100.3 and as specified in the related PM Job Plans and SJOs.</p> <p>Prior to each seasonal changeover, the Contractor shall perform a complete system line-up to verify proper operation of HVAC systems and components as specified in the related SJOs. This line-up and verification shall be completed by 10 April for the cooling transition and prior to 1 September for the heating transition. The Contractor shall coordinate scheduling of this effort with the COR to minimize impact on heating or cooling for facilities.</p> <p>Fall shutdown shall include securing and winterizing the air conditioning system and activating steam, electric, or gas heating system and resetting all thermostats as required.</p> | <p>Seasonal start-up and shutdown work must be completed within five working days of the specified start date for each phase of facilities.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>           | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                                      |                        |  | <p>Spring start-up shall include activating the air conditioning system and securing and preserving all heating coils or heat exchangers and resetting all thermostats as required.</p> <p>The Contractor shall prepare written Standard Operating Procedures for seasonal start-up and shutdown of HVAC/EMCS systems within 30 days after contract start and update SOPs after any changes are made to systems, equipment and components.</p>  |  |
| 3.2.1.2                              | HVAC Freeze Protection | The Contractor shall provide freeze protection for HVAC systems and components to ensure no damage or loss of service is caused due to freezing weather. | <p>The Contractor shall maintain the integrity of piping systems when freezing weather conditions are forecasted, anticipated or imminent. The Contractor shall immediately notify the COR when systems fail and when returned to normal service. The Contractor shall take corrective action for all damages incurred as a result of failure to adequately protect equipment under these conditions, at no additional cost to the Government.</p> <p>The Contractor shall test and adjust coolant levels per PM Job Plans to ensure glycol systems are protected to temperatures as low as –20 degrees Fahrenheit. Glycol shall be environmentally safe. The current USNA buildings and HVAC&amp;R systems that utilize environmentally safe glycol antifreeze protection coolants are listed in J-1502000-06. The glycol used is Propylene glycol, CAS No. 57-55-6, with the chemical formula <math>C_3H_8O_2</math>.</p> | <p>No HVAC outages or system failures due to damage caused by freezing temperatures.</p> <p>Glycol coolant levels are maintained as specified.</p> |
| 3.2.2                                | Boilers                | The Contractor shall perform PM on boilers and associated equipment to ensure proper   | <p>The boiler inventory is provided in J-1502000-07.</p> <p>The Contractor personnel working on boilers and</p>   | PM is accomplished per the Contractor's program and work schedule.   |

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| Spec Item                     | Title                                 | Performance Objective   | Related Information  | Performance Standard   |
|                               |                                       | operation, to minimize breakdowns, and to maximize useful life.   | <p>associated systems must possess applicable licensing and certification requirements as specified under Spec Item <del>2.2.1.8</del>.</p> <p>The Contractor shall comply with minimum attendance requirements as specified in Section 3150 of NAVFACINST 11300.37, Energy and Utilities Policy Manual.</p>   | <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p>  |
| 3.2.2.1                       | Boiler Seasonal Start-Up and Shutdown | The Contractor shall perform seasonal start-up and shutdown to ensure boilers are prepared and activated at the start of each season and deactivated and preserved at the end of each season. | <p>The Contractor shall perform start-up and shutdown of boilers and heating systems for facilities identified in the applicable SJO.</p> <p>Boilers and heating systems are normally shutdown during the months of April or May, and started up during the months of October or November; however, the length of the season will vary and no adjustment in the contract price will be made regardless of the actual length of the season. The KO will advise the Contractor of the specific date or dates when such services should begin to be accomplished. Seasonal start-up and shutdown shall be performed per USNAINST 4100.3 and as specified in the related PM Job Plans and SJOs.</p> <p>Prior to each seasonal changeover, the Contractor shall perform a complete system line-up to verify proper operation of heating systems and components as specified in the related SJOs. This line-up and verification shall be completed by 1 September. The Contractor shall coordinate scheduling of this effort with the COR to minimize impact on HVAC for facilities.</p> <p>The Contractor shall prepare written Standard Operating Procedures for seasonal start-up and</p> | <p>Seasonal start-up and shutdown work must be completed within five working days of the specified start date.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>                                | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |   |  | shutdown of boilers and heating systems within 30 days after contract start and update SOPs after any changes are made to systems, equipment and components.   |   |
| 3.2.2.2                              | Boiler Water Testing and Treatment Services | The Contractor shall provide and implement a Boiler Water Testing and Treatment Program to ensure optimum equipment operation and to maximize useful life.             | <p>The Contractor shall develop a Boiler Water Testing and Treatment Program per equipment manufacturer's specifications and Section 3120 of NAVFACINST 11300.37 for applicable equipment.</p> <p>The Contractor shall submit the Boiler Water Testing and Treatment Program within 30 days following contract award to the KO to validate completeness.</p> <p>The Contractor shall maintain a boiler water treatment program within tolerances set forth in manufacturers' standards and warranty agreements. Boiler water chemical levels shall be within the ranges specified in J-1502000-08 and Section 3120 of NAVFACINST 11300.37.</p> | <p>Sampling and testing is accomplished per the Contractor's program and schedule.</p> <p>Test results confirm that boiler water meets the specified chemical residual limits.</p>  |
| 3.2.3                                | Security Systems and Equipment              | The Contractor shall perform PM on security systems and equipment in designated areas to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The security systems and equipment inventory is provided in J-1502000-09.</p> <p>Security systems and equipment include exterior surveillance systems, IDS, alarm systems, access control systems, and other security and detection devices.</p> <p>Maintenance shall comply with all OEM requirements and standards.</p> <p>All maintenance and repair shall be performed by personnel trained and certified by the OEM.</p> <p>The Contractor shall immediately respond to these</p>  | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>                | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |                             |   | alarms when they are triggered; perform maintenance to the equipment, systems, and associated components that the alarms were designed to track and detect; and secure/reset the alarms.   |   |
| 3.2.4                                | Compressed Air Systems      | The Contractor shall perform PM on compressed air systems and associated equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The compressed air system inventory is included in J-1502000-05 and J-1502000-07.</p> <p>The Contractor's PM program shall be developed based on manufacturers' recommended procedures, OEM standards, MO-206, Maintenance and Operation of Air Compressor Plants, and MO-209, Maintenance and Operation of Steam, Hot Water, and Compressed Air Distribution Systems, for applicable systems and components.</p>   | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p>   |
| 3.2.5                                | Emergency Generator Systems | The Contractor shall perform PM on emergency generator systems to ensure proper operation, to minimize breakdowns, and to maximize useful life.                     | <p>The emergency generator inventory is provided in J-1502000-10.</p> <p>All maintenance and repair shall be performed by personnel trained and certified by the OEM.</p> <p>Maintenance shall comply with all OEM requirements and standards.</p> <p>The Contractor's PM program shall include periodic startup, run and load test of all emergency generators to ensure operability.</p> <p>The Contractor shall connect, disconnect, and operate portable emergency generators and portable light plants when ordered by service call or task order. The Contractor shall furnish five standby portable generators with minimum capacity as follows: 30kW, 50kW, 100kW, 150kW, and 250kW (one of each).</p> | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> <p>Electrical power is provided in a timely manner to meet the demand following a power outage.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>                              | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
| 3.2.6                                | Weight Handling Equipment (WHE)           | The Contractor shall perform PM on WHE to ensure proper operation, to minimize breakdowns, and to maximize useful life.                                       | <p>The WHE inventory is provided in J-1502000-11.</p> <p>Contractor personnel shall meet the minimum training requirements specified in Section 13 of NAVFAC P-307, Management of Weight Handling Equipment.</p> <p>The Contractor's PM program shall be developed based on manufacturers' recommended procedures, OEM standards, and NAVFAC P-307, Management of Weight Handling Equipment, and UFC 3-320-07N, Weight Handling Equipment.</p> <p>Where performance of PM or associated repairs requires testing or recertification of WHE, refer to the Spec Item below for inspection, testing, and certification of WHE.</p> | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |
| 3.2.7                                | Lightning Arrestors and Grounding Devices | The Contractor shall perform PM on lightning arrestors and grounding devices to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The lightning arrestors and grounding devices inventory is included in J-1502000-05.</p> <p>Maintenance shall comply with the guidelines of MIL-HDBK-419, Grounding, Bonding, and Shielding for Electronic Equipment and Facilities and MIL-STD-188-124B, Grounding, Bonding, and Shielding for Common Long Haul/Tactical Communication Systems Including Ground Based Communications-Electronics Facilities and Equipment for applicable systems and components.</p> <p>Lightning protection for trees is covered under a separate contract.</p>  | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |
| 3.2.8                                | Fire Protection                           | The Contractor shall perform PM on all fire protection systems, fire  | The fire protection inventory is provided in J-1502000-12.  | PM is accomplished per the Contractor's program and work  |

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| Spec Item                     | Title | Performance Objective   | Related Information   | Performance Standard   |
|                               |       | alarm systems, fire hydrants, and fire pumps to ensure proper operation, to minimize breakdowns, and to maximize useful life.   | <p>PM shall adhere to established guidelines in UFC 3-600-02, Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection Systems, USNAINST 11320.8, Fire Protection and Prevention Program, <del>USNA Fire Department Instruction 11320.3</del>, OSHA Health and Safety Standards, and EM-385-1-1.</p> <p>Repairs shall meet all OEM requirements and NFPA codes and standards.</p> <p>The Contractor shall notify the USNA Fire Department prior to the start of any work on a fire suppression system so that the Fire Department can secure the suppression system. The Contractor shall notify the USNA Fire Department as soon as repairs or maintenance are complete so that the Fire Department can place the suppression system back in service.</p> <p>The Contractor shall immediately respond to these alarms when they are triggered; perform maintenance to the equipment, systems, and associated components that the alarms were designed to track and detect; and secure/reset the alarms.</p> | <p>schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p>               |
| 3.2.9                         | VTE   | The Contractor shall perform PM on VTE systems to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The VTE system inventory is provided in J-1502000-13.</p> <p>The Contractor's PM program shall be developed based on manufacturers' recommended procedures, OEM standards, and MO-118, Inspection of Vertical Transportation Equipment.</p> <p>For certification that is required per ASME A17.1 due to work performed as part of PM, refer to the</p>   | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted</p> |

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| <b>1502000 – Facility Investment</b> |                         |  |  |   |
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| <b>Spec Item</b>                     | <b>Title</b>            | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |                         |  | Spec Item for Inspection, Testing, and Certification of VTE.   | to the KO within the specified time limit.  |
| 3.2.10                               | Exterior Doors          | The Contractor shall perform PM on various doors to ensure proper operation, to minimize breakdowns, and to maximize useful life.                                    | <p>The inventory of doors requiring PM is provided in J-1502000-14.</p> <p>The Contractor's PM program shall include maintenance on various doors, including bronze doors, overhead doors, sliding doors, and roll-up doors and associated components.</p>   | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |
| 3.2.11                               | Eye Wash Stations       | The Contractor shall perform PM on eye wash stations to ensure proper operation, to minimize breakdowns, and to maximize useful life.                                | <p>The inventory of eye wash stations is included in J-1502000-05.</p> <p>Eye wash stations will be maintained per OPNAVINST 5100.23.</p>  | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |
| 3.2.12                               | Rifle and Pistol Ranges | The Contractor shall perform PM on rifle and pistol ranges and associated equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The inventory for rifle and pistol range systems and equipment is included in J-1502000-05.</p> <p>PM for rifle and pistol ranges includes the ventilation system and target system for the indoor firing range in Bancroft 2<sup>nd</sup> wing, and target holders and traps at the North Severn firing range. The Contractor shall clean ranges and provide removal of lead shots and brass casings as specified in the applicable SJO.</p> | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time</p>        |

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| <b>Spec Item</b>                     | <b>Title</b>                            | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |   |   | The Contractor shall change lead filters at the indoor pistol/firing range with lead handling certified personnel and comply with the State of Maryland Lead Abatement/Surveillance Program.   | limit.  |
| 3.2.13                               | Traffic Control Devices                 | The Contractor shall perform PM on traffic control devices to ensure proper operation, to minimize breakdowns, and to maximize useful life.                 | <p>The inventory of traffic control devices is included in J-1502000-05.</p> <p>Coordination for performing work on traffic control devices that cause a partial or full road closure must be requested 14 calendar days in advance through the COR.</p>   | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |
| 3.2.14                               | Swimming Pools and Ornamental Fountains | The Contractor shall perform PM on swimming pools and ornamental fountains to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The inventory and description of swimming pools, ornamental fountains, and other similar equipment is provided in J-1502000-15.</p> <p>The Contractor shall maintain swimming pools, ornamental fountains, and all associated equipment according to National Swimming Pool Foundation Standards, NCAA Water Polo rules (regarding pools 2003) and the Manual of Naval Preventative Medicine, Chapter 4, Swimming Pools and Bathing Places, as applicable.</p> <p>The Contractor's PM program shall include maintenance on circulation pumps, motors, electronic monitoring equipment, chemical feeders, underwater and overhead lighting systems, slides, diving boards, and vacuum systems. Swimming pool equipment shall be maintained in a safe, operating condition.</p> | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>                               | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                                      |  |   | <p>The Contractor shall coordinate maintenance activities to avoid conflict with scheduled aquatic programs or use of the facilities.</p> <p>The Contractor shall immediately respond to chlorine gas alarms when they are triggered; perform maintenance to the equipment, systems, and associated components that the alarms were designed to track and detect; and secure/reset the alarms</p>   |  |
| 3.2.14.1                             | Pool and Fountain Water Treatment Services | The Contractor shall maintain and treat pool and fountain water and accomplish bacteriological and chemical analyses. | <p>The Contractor shall comply with NAVMED P-5010-4.</p> <p>The Contractor shall maintain water quality and temperatures of swimming pools, including rowing tank and spas, per the National Swimming Pool Foundation and Maryland Department of Health standards. The Contractor shall maintain a logbook at each pool for recording results of water quality testing. Work shall be completed by a Certified Swimming Pool Operator.</p> <p>The Contractor shall thoroughly clean all pools daily when in operation. Automated cleaning systems (e.g. pool vacuums) may be used; however, the Contractor shall verify that all areas of the pools are adequately cleaned during each service.</p> <p>The Contractor shall ensure that water discharged from swimming pool complies with USNA NPDES permit requirements for industrial and storm water.</p> <p>Water quality of fountains shall be tested and maintained per the applicable SJO.</p> | <p>Water quality is continuously maintained during periods of pool operation.</p> <p>Water quality for fountains and tanks is tested and maintained per the Contractor's program and work schedule.</p> <p>Pools are cleaned as scheduled.</p> |
| 3.2.14.2                             | Pool and                                   | The Contractor shall prepare  | Comply with the minimum start-up/shutdown and   | Pool and facilities are properly   |

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| <b>Spec Item</b>                     | <b>Title</b>                            | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                                      | Fountain Seasonal Start-Up and Shutdown | swimming pools and facilities for operation at the start of the pool season and for closure at the end of the season.<br><br>The Contractor shall winterize fountains to ensure protection from freeze damage during cold weather months. | off-season maintenance requirements identified in the PMs and SJOs listed in J-1502000-04.<br><br>The Contractor shall start-up and de-winterize outdoor pools one month prior to Memorial Day opening and shut-down and winterize outdoor pools within one month after the Labor Day closing as specified in applicable SJOs.<br><br>The Contractor shall winterize and start-up outdoor fountains as specified in the applicable SJO.  | prepared, and pools open and close on schedule.<br><br>Pools and fountains are properly secured to withstand off-season weather conditions without deterioration.  |
| 3.2.15                               | Food Service Equipment                  | The Contractor shall perform PM on food service equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life.  | The food service equipment inventory is provided in J-1502000-16.<br><br>The Contractor's PM program shall be developed based on manufacturers' recommended procedures, OEM standards, and UFC 3-190-07N, Operation and Maintenance: Food Service Equipment.<br><br>The Contractor shall develop PM Job Plans for food service systems and equipment and submit these planned PMs and associated frequencies with the PM Program.<br><br>Maintenance shall not disrupt food service operations and must be coordinated with the facility manager.<br><br>The Contractor shall comply with the health, safety, and environmental requirements of Section 2 of UFC 3-190-07N, Operation and Maintenance: Food Service Equipment. | PM is accomplished per the Contractor's program and work schedule.<br><br>Repairs within the PM limit are accomplished prior to PM completion.<br><br>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit. |
| 3.2.16                               | Other Systems or Equipment              | The Contractor shall perform PM on other systems or equipment to  | The inventory for other systems or equipment requiring PM is included in J-1502000-05.   | PM is accomplished per the Contractor's program and work   |

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| <b>Spec Item</b>                     | <b>Title</b>                           | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                                      |  | ensure proper operation, to minimize breakdowns, and to maximize useful life.   | The Contractor shall perform PM on all systems or equipment that are not otherwise detailed in the spec items above. This includes all equipment maintained as specified in PM Job Plans or SJOs, except that which is applicable to requirements specified in other annexes.   | <p>schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p>                      |
| 3.3                                  | Inspection, Testing, and Certification | The Contractor shall provide inspection, testing, and certification services to ensure equipment is maintained in a safe and fully operational condition. |   | Certifications are completed as scheduled.  |
| 3.3.1                                | Boilers and UPVs                       | The Contractor shall clean, prepare, and operate boilers and UPVs to support certification.   | <p>The boiler and UPV inventory and date of last certification is provided in J-1502000-07.</p> <p>The Contractor shall annually, open, clean, and reassemble fired and unfired pressure vessels ensure all safety devices are operating correctly per the American Society of Mechanical Engineering (ASME) mandates, NAVFAC 9-11014/32, the National Board of Boiler and Pressure Vessel Inspectors Code, and UFC 3-430-07, Operations and Maintenance: Inspection and Certification of Boilers and Unfired Pressure Vessels.</p> <p>Boiler inspection safety certificates shall be void immediately on the discovery of a safety deficiency regardless of the expiration date on the certificate. The certificate will again be valid only after the deficiency has been corrected by the Contractor and the boiler has been re-certified.</p> <p>The Contractor shall perform all hydrostatic</p> | <p>Boiler and UPV inspection, testing, and certification is completed when due.</p> <p>Notification of repair work necessary to maintain certification is reported to the Government within two working days of identification.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>                    | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                                      |                                 |  | <p>testing, internal, external inspections and operational testing as required for certification in the presence of the Government Certified Boiler Inspector. The Contractor shall provide a 30 calendar day advance notification to the KO when boilers and UPVs will be ready for testing and certification for coordination with the Government provided inspector.</p> <p>A current and valid certificate, or authorized commercial equivalent, must be posted on, or near, the equipment, under a clear protective covering as specified in Chapter 9 of UFC 3-430-07, Operations and Maintenance: Inspection and Certification of Boilers and Unfired Pressure Vessels.</p> <p>Repairs identified during preparation for and conduct of inspection, testing, and certification shall be accomplished as a service call or IDIQ work, as applicable.</p> <p>Maintenance and repair shall comply with Section I through VIII of the National Board of Pressure Vessel Codes. Personnel who work on pressure vessels shall be certified as specified under Spec Item 2.3.1.</p> |  |
| 3.3.2                                | Weight Handling Equipment (WHE) | The Contractor shall prepare, operate, and test WHE to ensure certification is maintained. | <p>The WHE inventory and date of last certification is provided in J-1502000-11.</p> <p>The Contractor shall comply with all Federal requirements and P-307, Management of Weight Handling Equipment, to properly perform load tests and certification of WHE. Load tests and associated operations for certification shall be performed by a qualified certifying official.</p>  | <p>WHE inspection, testing, and certification is completed when due.</p> <p>Notification of repair work necessary to maintain certification is reported to the Government within two working days of identification.</p> |

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| <b>Spec Item</b>                     | <b>Title</b> | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                                      |              |   | <p>A card or tag with the crane identification number, certified capacity, and the certification expiration date, shall be posted in a conspicuous location on or near the crane as specified in Section 3 of NAVFAC P-307, Management of Weight Handling Equipment.</p> <p>Contractor personnel shall meet the minimum training requirements specified in Section 13 of NAVFAC P-307, Management of Weight Handling Equipment.</p> <p>Repairs identified during preparation for and conduct of inspection, testing, and certification shall be accomplished as a service call or IDIQ work, as applicable.</p>  |  |
| 3.3.3                                | VTE          | The Contractor shall prepare, inspect, test, and operate VTE systems to support Government certification. | <p>The VTE system inventory including date of latest certification is provided in J-1502000-13.</p> <p>The Contractor shall comply with the inspection and testing criteria defined in ASME A17.1.</p> <p>The Contractor shall perform all inspections and tests for certification in the presence of a Government provided inspector. The Contractor shall provide a 30 calendar day advance notification to the KO when VTE will be ready for testing and certification for coordination with the Government provided inspector.</p> <p>As specified in paragraph 1.2.2 of NAVFAC MO-118, Inspection of Vertical Transportation Equipment, all vertical transportation equipment shall have a valid current certificate posted in the car or maintained in the building 1<sup>st</sup> Lieutenant's office. If the certificate is not in the VTE, a notice</p> | <p>VTE inspection, testing, and certification is completed when due.</p> <p>Notification of repair work necessary to maintain certification is reported to the Government within two working days of identification.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>                           | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                                      |  |   | <p>will be posted in the car stating where the certificates can be found.</p> <p>Repairs identified during preparation for and conduct of inspection, testing, and certification shall be accomplished as a service call or IDIQ work, as applicable.</p>  |  |
| 3.4                                  | Other Recurring Services               | The Contractor shall perform other recurring services on facilities, systems, and equipment to ensure they are fully functional and operational.  | <p>A summary of standing job orders (SJO) for recurring services is provided in J-1502000-04.</p> <p>The Contractor shall schedule and issue SJO work through the CMMS. SJOs shall be closed out with appropriate data records into CMMS within two days of completion. The Contractor shall submit a monthly schedule of recurring services to the COR by the 25<sup>th</sup> of each month.</p> <p>The Contractor shall maintain records of recurring services performed including the date performed, labor hours, materials used, and explanation of any problems found. All records shall be provided to the Government for review upon request and turned over upon completion or termination of the contract.</p> | <p>Facilities, systems, and equipment are in an operable condition and function properly in accordance with specified standards.</p> <p>Other recurring services are completed in a timely manner.</p> |
| 3.4.1                                | Interior and Exterior Lighting Systems | The Contractor shall perform periodic relamping, cleaning, and repairs to interior and exterior lighting systems to ensure trouble-free lighting. | <p>The Contractor shall inspect, relamp, and make all necessary repairs to interior and exterior lighting systems per the applicable SJO. Cleaning of fixtures shall coincide with relamping. The Contractor shall test and relamp emergency lighting as a part of this service.</p> <p>The Contractor shall replace all lighting with the appropriate type and wattage of bulbs.</p> <p>An inventory of exterior street lighting and</p>  | <p>Interior and exterior lighting is relamped per Contractor's schedule.</p> <p>Lighting fixtures are cleaned and functional.</p>  |

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| <b>Spec Item</b>                     | <b>Title</b>            | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |                         |   | <p>locations is provided in J-1502000-17. The Contractor shall conduct a daily inspection of all street lighting to identify outages. The Government may issue a service call if relamping needs to be completed prior to the next scheduled service.</p> <p>Universal waste generate from relamping shall be recycled as specified in Annex 2, Spec Item 2.10.2.</p> <p>The Janitorial Contractor replaces all interior light bulbs for fixtures that can be reached from an 8-foot ladder in areas where this Contractor performs services, with the exception of certain facilities. The complete list of facilities where all interior relamping shall be performed under this contract is listed in J-1502000-17.</p> |   |
| 3.4.2                                | Grease Traps            | The Contractor shall clean designated grease traps and remove and dispose of grease to ensure they function properly.           | <p>The inventory of grease traps is listed in J-1502000-18.</p> <p>Grease shall be disposed per environmentally approved procedures.</p> <p>Grease traps shall be serviced per the applicable SJO.</p>   | <p>Grease traps are cleaned per Contractor's schedule.</p> <p>Grease traps are clean and free of grease on baffles, perforated surfaces, and all other removable parts and function to meet the intended purpose.</p> |
| 3.4.3                                | Exhaust Hoods and Ducts | The Contractor shall service designated exhaust hoods and ducts and associated equipment to ensure they are clean and sanitary. | <p>The inventory of exhaust hoods and ducts is listed in J-1502000-19.</p> <p>Work shall include the hoods, plenums, fans, fan housing, grease removal devices, weatherproof covers and the full length of ventilating ducts.</p> <p>The Contractor shall comply with the requirements of the National Board of Fire and Underwriters and the current standards of the National Fire Protection Association, NFPA</p>  | Exhaust hoods and ducts and associated equipment are cleaned and sanitized per Contractor's schedule.   |

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| <b>Spec Item</b>                     | <b>Title</b>                 | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |                              |  | Standard 96, Chapter 8, 8-3 through 8-4.<br><br>Exhaust hoods and ducts shall be serviced per the applicable SJO.  |   |
| 3.4.4                                | Gutter Cleaning              | The Contractor shall clean gutters and downspout to remove and prevent clogs and ensure proper drainage.   | The Contractor shall perform cleaning and maintenance of gutters, scuppers, downspouts, drains, and built-up roofs (flat roofs) as specified in the applicable SJO.  | Gutters and downspouts are cleaned per Contractor's schedule.   |
| 3.4.5                                | Storm Drainage Systems       | The Contractor shall clean storm drainage systems and associated collection devices to remove and prevent clogs and ensure proper drainage of storm water. | The storm drainage system drawings are provided in J-1502000-20.<br><br>Storm drainage systems shall be serviced per the applicable SJO.   | Storm drainage systems are cleaned per Contractor's schedule.   |
| 3.4.6                                | Fuel Tank Monitoring Systems | The Contractor shall test and calibrate fuel tank monitoring systems to ensure leak detection systems function properly.                                   | The Contractor shall perform quarterly testing and calibration of two "INCON TS 1000" and two "INCON TS 1001" tank monitoring systems. All work shall be performed by a Maryland Certified Tank Installer.<br><br>The Contractor shall submit a written test/status report to the COR within two working days after completion.<br><br>Locations:<br>- One system each at Buildings 60 & 289, both serving underground 8,000 GAL #2 fuel oil tanks;<br>- One system at YP pumping station serving one above ground dual gasoline/diesel tank<br>- One system at NEX gasoline station serving three underground gasoline tanks<br><br>Service calls or IDIQ work may be issued for repairs identified during testing. All repairs requiring re-calibration after completion shall be performed by the Contractor at no additional cost. | Testing and calibration is accomplished per the Contractor's schedule.<br><br>Fuel tank monitoring systems are properly calibrated.<br><br>Notification of repair work necessary to maintain calibration is reported to the Government within two working days of identification. |

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| <b>Spec Item</b>                     | <b>Title</b>  | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>   |
| 3.4.7                                | Chapel Organs | The Contractor shall service and maintain Chapel organs to ensure they function properly and are well-tuned. | <p>The Contractor shall service and maintain the three USNA Chapel Organs, in a well-tuned and superior working condition, as determined by the USNA Chapel Organist.</p> <p>The three organs are as follows:</p> <ul style="list-style-type: none"> <li>- Pipe Organ in front of Main Chapel</li> <li>- Pipe Organ in St. Andrews Chapel</li> <li>- Pipe Organ in the Rear Balcony of the Main Chapel</li> </ul> <p>The Contractor shall provide monthly service for all three organs to include the following:</p> <ul style="list-style-type: none"> <li>- Check for dead notes and mechanical failures and make the necessary repairs.</li> <li>- Check motor and blower for oil and grease and replenish as needed.</li> <li>- Check power supplies and repair as needed.</li> <li>- Tune all reeds and flute stops, and one complete division.</li> <li>- Monthly regulate reeds as necessary.</li> <li>- Tuning shall include setting bearing as requested.</li> <li>- Tuning is to include the adjustment of the electronic portions of the Rodgers Organ in the St. Andrews Chapel.</li> <li>- Replace the light bulbs over the positive division of organs as required.</li> </ul> <p>The Contractor shall coordinate scheduling of monthly service with the Chapel Organist and the Chairman of Musical Activities.</p> <p>All tuning shall be verified to be acceptable by the Chapel Organist.</p> <p>The Contractor shall submit the experience and</p> | <p>Maintenance and tuning is accomplished per the Contractor's schedule.</p> <p>Chapel organs are properly tuned.</p> <p>Notification of repair work necessary to maintain calibration is reported to the Government within two working days of identification.</p> |

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| <b>Spec Item</b>                     | <b>Title</b>                     | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                      |                                  |   | <p>qualifications of personnel responsible for organ tuning, service, and maintenance to the KO for approval within 30 calendar days after contract award and prior to any change in personnel.</p> <p>Service calls or IDIQ work may be issued for repairs identified during service. All repairs requiring re-tuning of the organ after completion shall be performed by the Contractor at no additional cost.</p> |   |
| 3.4.8                                | Miscellaneous Recurring Services | The Contractor shall perform various miscellaneous recurring services within to ensure facilities are available for their intended use. | The Contractor shall perform other miscellaneous recurring services that are not otherwise detailed in the spec items above. This includes all services as specified in SJOs, except those completed as part of the PM program or applicable to requirements specified in other annexes.   | Miscellaneous recurring services are completed per Contractor's schedule. |

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| <b>Spec Item</b>                     | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                                    | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1503020 - Pest Control</b> |                     |   |
|-------------------------------|---------------------|---|
| <b>Spec Item</b>              | <b>Title</b>        | <b>Description</b>  |
| 1                             | General Information | The Contractor shall provide pest control services to prevent and control nuisance, structural, and medical arthropod and vertebrate pests, including but not limited to cockroaches, termites, ants, fleas, silverfish, stored product pests, mosquitoes, mice, rats, bats, feral dogs and cats and other vertebrates, bees, wasps, pigeons, and nuisance birds at Naval Support Activity Annapolis. |

| <b>1503020 - Pest Control</b> |   |   |
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| <b>Spec Item</b>              | <b>Title</b>  | <b>Description</b>  |
| 2                             | Management and Administration                               |   |
| 2.1                           | Definitions and Acronyms                                    |   |
| 2.1.1                         | Call Back   | A request for additional service or retreatment following the initial service that has not provided the control required. Repeated callbacks are possible and shall be provided at no additional charge to the Government.  |
| 2.1.2                         | Certified Applicator/ Operator                              | Any individual who applies pesticides or supervises the use of pesticides, and who has been authorized to do so by successfully completing a training program approved by the EPA, followed by formal certification by DoD or a State.  |
| 2.1.3                         | Contractor's Work Plan (CWP) for Pest Control               | A Contractor developed document that describes how the requirements of this contract will be met. The plan establishes the strategies and methods for conducting a safe, effective, and environmentally sound pest management program.  |
| 2.1.4                         | NAVFAC Pest Management Consultant (PMC)                     | The individual designated within NAVFAC as the professional, technical specialist having command program oversight responsibilities and providing guidance and information on the management of pest management programs for Navy and Marine Corps commands and installations.  |
| 2.1.5                         | Insect Growth Regulator (IGR)                               | Chemical substance that disrupts the action of insect hormones controlling molting, maturity from pupal stage to adult, and other growth functions.   |
| 2.1.6                         | Installation Pest Management Coordinator (Installation PMC) | The individual designated by the installation Commanding Officer to coordinate and oversee all pest management activities at the installation.  |
| 2.1.7                         | IPMIS   | Integrated Pest Management Information System   |
| 2.1.8                         | Installation Pest Management Plan (PMP)                     | A long-range, comprehensive planning and operational document that establishes the strategy and methods for conducting a safe, effective, and environmentally sound integrated pest management program. Written pest management plans are required as a means of establishing and implementing installation pest management programs.   |
| 2.1.9                         | Integrated Pest Management (IPM)                            | A planned program incorporating continuous monitoring, education, record-keeping, and communication to prevent pests and disease vectors from causing unacceptable damage to operations, people, property, material, or the environment. IPM uses targeted, sustainable (effective, economical, environmentally sound) methods including education, habitat modification, biological control and where necessary the judicious use of the least hazardous pesticides. |
| 2.1.10                        | Pesticide   | Any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest, and any substance or mixture of substances intended for use as a plant regulator, defoliant, or desiccant. Pesticides include all insecticides, herbicides, fungicides, rodenticides, avicides, molluscicides, and any product that has an EPA registration number on it.  |
| 2.1.11                        | Road Mile   | A unit of measure for measuring fogging application for adult mosquito control using a truck mounted Ultra Low Volume (ULV) aerosol generator traveling along a given route for 5,280 feet.   |

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| <b>Spec Item</b>              | <b>Title</b>  | <b>Description</b>   |
| 2.1.12                        | Time Period to Maintain Control                     | This frequency is specified on each Pest Group Sheet and is the minimum time the Contractor shall maintain control of pest(s) after reaching the specified level of control. This time period can be tailored to meet client requirements or the recommended frequencies on the Pest Group Sheets can be used.   |
| 2.1.13                        | Time Period to Obtain Control                       | This frequency is specified on each Pest Group Sheet and is the maximum time allotted for the Contractor to obtain control of pest(s) in accordance with the specified level of control.   |
| 2.1.14                        | Time Period to Respond                              | This frequency is specified on each Pest Group Sheet and is the maximum time the Contractor is permitted to respond to a service call.   |
| 2.2                           | Contractor's Work Plan (CWP) for Pest Control       | <p>The Contractor shall prepare and execute a CWP for pest control. The CWP shall adhere to applicable publications and directives contained in J-1502030-01. The CWP will require approval by the Contracting Officer (KO). The CWP shall establish the strategy and methods for conducting a safe, effective, and environmentally sound pest management program in compliance with these specifications. The CWP shall address continuous monitoring, pest response and removal procedures, record keeping, warranties, education and communication to installation personnel to prevent pests and disease vectors. The IPM approach should use targeted (i.e., effective, environmentally sound) methods including habitat/facility modification, biological/genetic/cultural control, mechanical/physical control, and where necessary, the judicious use of least hazardous pesticides. The CWP shall include labels, MSDS sheets, and planned pesticide use sheets and comply with all applicable local, state, and Federal regulations, and the Installation PMP.</p> <p>The Contractor shall utilize the Government provided Pest Management Reference Guide in J-1502030-02 as a basis for developing the CWP and shall submit the CWP to the KO for approval 30 days prior to contract start date. Thereafter the plan shall be updated and submitted annually by 30 September. The updated plan shall comply with the Department of Defense Measures of Merits (MOM), which are:</p> <ul style="list-style-type: none"> <li>- Reduction of Active Ingredient (Pesticide Use).</li> <li>- Certification of all Pest Controllers in all Categories.</li> <li>- Comply with the current Integrated Pest Control Plan.</li> </ul> |
| 2.3                           | Work Coordination                                   | The Contractor shall schedule and arrange work in a manner that will cause the least amount of interference to the normal operations of NSA Annapolis business and mission.  |
| 2.3.1                         | Interface with Building 1 <sup>st</sup> Lieutenants | The Contractor shall notify the building 1 <sup>st</sup> Lieutenant or the tenant of any scheduled services to be performed in their building or quarters. All required occupant preparation actions shall be listed in a notification. This notification shall be provided one to five calendar days in advance of the scheduled service date. Areas that have not been properly prepared shall not be treated. Under no circumstances shall the Contractor spray in occupied spaces. The Contractor shall notify the COR of problems encountered with scheduling of treatment.   |
| 2.4                           | Licensing, Certification and Permits                | The contractor shall have all licenses, certifications and permits required by state and Federal laws and regulations to accomplish the services described in the contract.  |
| 2.4.1                         | Business Licensing                                  | The Contractor shall possess a business license issued by the State of Maryland to provide pest control services. Proof of   |

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| <b>1503020 - Pest Control</b> |               |  |
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| <b>Spec Item</b>              | <b>Title</b>  | <b>Description</b>   |
|                               |               | licensing shall be provided prior to contract award.   |
| 2.4.2                         | Certification | All Contractor personnel who apply pesticides shall be certified by the State of Maryland in the categories required to perform the work specified in this contract. All work performed shall be in accordance with federal, state, local laws, and installation regulations. Proof of certification shall be provided to the KO within 30 calendar days after contract award.   |
| 2.4.3                         | Permits       | The Contractor shall obtain any permit required to perform the work in this contract. Permits may include Fish and Wildlife Bird Depredation Permits, State of Maryland Nuisance Wildlife Control Permits, permits to take fur bearing animals, or other permits required by federal, state, or local laws/regulations. A copy of any applicable permit shall be provided to the KO five days prior to the start of any work that requires permits.  |
| 2.5                           | Vehicles      | Vehicles used to transport pesticides shall be equipped with a fire extinguisher, a spill containment kit capable of containing any potential pesticide spill, an emergency eye wash station, at least two gallons of emergency wash water for personal decontamination, and a first aid kit. All pesticides carried on vehicles shall be stored in a locked compartment separate from the cab of the vehicle. Vehicles shall not be left unattended at any time unless properly locked and secured. Pest control vehicles will be marked with the owner's or Contractor's name clearly identified as a pest control vehicle in accordance with state regulations. Each vehicle shall display applicable state or federal department of transportation or agency placarding and other identification markings as required by Maryland, Federal, or local regulations. All vehicles shall be maintained with a clean and orderly appearance, free from pesticide residues or grime buildup. Vehicles shall not be cleaned, washed, or rinsed off on Government property.  |
| 2.6                           | Equipment     | <p>The Contractor shall provide repair and maintenance as necessary to keep all equipment in good operating condition, and take appropriate action regarding the following:</p> <p>All tanks, hoses, pumps, control valves, and gauges shall be free of visible deterioration, shall not leak, and shall operate at the manufacturer's recommended rates and pressures. Equipment that has failed shall be replaced and/or repaired by the Contractor prior to resuming operations.</p> <p>Screens, strainers, and filters shall be used and maintained in accordance with the pump, sprayer, and nozzle manufacturer's instructions.</p> <p>Spray nozzles shall deliver spray patterns as specified by the nozzle manufacturer. Nozzles that become clogged or eroded shall be repaired or replaced by the Contractor prior to resuming operations.</p> <p>Ultra-Low Volume (ULV) equipment shall be calibrated to assure proper flow rate and droplet size of pesticide as required by the label. ULV equipment shall be calibrated, including droplet size analysis, 15 days prior to start of work and thereafter every 50 hours of use (or per manufacturer's recommendations), or when the machine is repaired. Calibration and droplet analysis reports, when required, shall be maintained on file and submitted to the KO with the monthly invoice.</p> <p>All pesticide dispersal equipment, including bait stations and trays, shall be clearly and plainly marked with "DANGER"... "PESTICIDES", or as required by applicable regulations.</p> |

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| <b>1503020 - Pest Control</b> |  |   |
|-------------------------------|--|---|
| <b>Spec Item</b>              | <b>Title</b>                                       | <b>Description</b>  |
| 2.7                           | Pesticides   | <p>All pesticides must be used in accordance with Federal, Maryland, local laws, and installation regulations, and any requirements identified in Section J attachments. All pesticides shall be procured, processed, handled, and applied in strict accordance with the manufacturer's label. All pesticides shall be registered with the EPA and the Maryland pesticide regulatory agency.</p> <p>The Contractor shall maintain a label and MSDS book of pesticides used, and have it readily available for the KO's inspection at all times.</p> <p>All pesticides used by the Contractor shall be registered with the EPA and applicable state lead agency for the use intended. Planned Pesticide Use Sheets, as shown in J-1503020-03, including labels and Material Safety Data Sheets (MSDS) for each pesticide intended to be used, shall be submitted with the Contractor's proposal. Approvals may be made and limited to specific pests/sites. Any proposed changes in pesticide usage shall be submitted to the KO for approval at least five business days in advance of the anticipated use.</p> |
| 2.7.1                         | Disposal   | All pesticides, rinse water, and containers shall be disposed of in accordance with label directions. The Contractor shall dispose of any pesticides, pesticide containers, pesticide residue, pesticide rinse water, or any pesticide contaminated articles at an authorized disposal area off-site from the installation.   |
| 2.7.2                         | On-Site Mixing                                     | The Contractor shall not mix pesticides on-site Government property unless specifically authorized by the KO. If mixing is authorized, it shall be done at an approved pre-existing facility or over an approved containment device.  |
| 2.7.3                         | On-Site Materials Storage                          | The only authorized location on NSA Annapolis for the Contractor to store pesticides, pesticide equipment, and pesticide related articles is Building 306, and the Hazardous Material (HAZMAT) locker adjacent to the building. The Contractor shall not store pesticides at any other location on Government property unless specifically authorized by the KO.  |
| 2.7.4                         | Occupied Spaces                                    | Liquid or aerosol pesticides shall not be applied in occupied spaces when people are present. Dust pesticide formulations shall not be applied in occupied spaces if the dust can be carried by air currents to people. Gel baits, cockroach, rodent, and ant bait stations, or other pesticide formulations that do not volatilize or carry on air currents may be applied in occupied spaces.   |
| 2.7.5                         | Personal Protective Equipment                      | The Contractor shall provide Personal Protective Equipment (PPE) to each of their pest control applicators. This equipment shall include, at a minimum, the PPE required by the pesticide label and MSDS.   |
| 2.8                           | Records and Reports                                | Records and report are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes. The Contractor shall record and report all pest control operations in accordance with state and DoD regulations.  |
| 2.8.1                         | Report of Conditions Conducive to Pest Infestation | The Contractor shall report conditions that promote or are conducive to pest infestations. These include sanitation problems, improper food storage practices, inadequate exclusion policies, or damaged or missing exclusion devices or the like. The Contractor shall report these deficiencies to the KO within one business day after citing conditions. Report must be legible and can be done electronically or hand-written.   |
| 2.8.2                         | Pest Control Operation Electronic                  | The Contractor shall use the Integrated Pest Management Information System (IPMIS) or an approved/provided electronic reporting spreadsheet or system to provide a summary printout electronic copy of the data. The report shall include individual daily records of all pest control operations, both chemical and non-chemical, including surveys. Records should  |

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| <b>1503020 - Pest Control</b> |                            |  |
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| <b>Spec Item</b>              | <b>Title</b>               | <b>Description</b>   |
|                               | Reporting Requirements     | <p>be electronically submitted on a monthly basis to the KO by the 15<sup>th</sup> day of the month in Microsoft Excel (1997 or later version) via diskette, e-mail attachment, etc. The Field Pest Management Record Form, shown in J-1503020-04, may be used as a field data entry sheet at the contractor's discretion.</p> <p>The Contractor shall maintain daily records of all pest control operations, both chemical and non-chemical, including surveillance. Required documentation for structural pest control records includes: Installation, Type of Building, Inspector, Date, Favorable Wood Destroying Pest Infestation Conditions, Locations of Infestations, Type of Infestation, Type of Treatment, Type of Pesticide, Amount Used, Square Footage and Treatment Effectiveness. This data shall be entered in to the local Integrated Pest Management Information System (IPMIS) within 24 hours of performance per DoD and State regulations. The Contractor shall maintain all records for the duration of the contract period.</p> <p>Annually, the Contractor shall submit to the KO the following reports, covering the period of 01 October to 30 September, which are originated from the IPMIS software tool.</p> <ul style="list-style-type: none"> <li>- IPMIS Total Active Ingredient Report on NSA Annapolis</li> <li>- Pest Management Plan Report</li> <li>- Pest Management Maintenance Record</li> <li>- Pest Management Task Report by Date</li> <li>- Pest Management Task Report by Site</li> <li>- Applicator Pest Management Task Report</li> <li>- Certification Report, Pounds of Active Ingredient Report</li> <li>- Inventory Report</li> </ul> |
| 2.9                           | Warranty                   | Warranties are only required for termite treatments. See J-1503020-05 for warranty requirements.   |
| 2.10                          | Government Furnished Items | The Government will furnish an approved electronic reporting system either as IPMIS or an electronic Reporting spreadsheet. If the IPMIS system is provided, it may be obtained from the Defense Environmental Network & Information Exchange (DENIX) at <a href="http://www.denix.osd.mil">www.denix.osd.mil</a> . The website also provides the hardware requirements, User's Manual and Installation Instructions for downloading both the program and the patches.   |

| <b>1503020 - Pest Control</b> |                                 |   |  |   |
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| <b>Spec Item</b>              | <b>Title</b>                    | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
| 3                             | FFP Work                        | The Contractor shall provide timely and effective scheduled and unscheduled pest control services.                      | The Contractor shall comply with the installation PMP, and applicable DoD and OPNAV Instructions, and Federal, state, and local regulations.   | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.1                           | Scheduled Pest Control Services | The Contractor shall provide timely scheduled pest control services to prevent the appearance and infestation of pests. | <p>The following pests/pest areas should be inspected and treated, as necessary, per the General Requirements and Performance Standards in the applicable Pest Group Sheets shown in J-1503020-06. Scheduled inspection and treatment services are required for the following pests/pest areas:</p> <ol style="list-style-type: none"> <li>1. Arthropod Mgmt in Food Handling Facilities</li> <li>2. Commensal Rodent Management</li> <li>3. Nuisance Arthropod Management</li> <li>4. Venomous Arthropod Management</li> <li>5. Filth Fly Management</li> <li>6. Misc. Pest Vertebrate Management</li> <li>7. Bird Management</li> <li>8. Tick Management</li> <li>9. Flea Management</li> <li>10. Mosquito Management</li> <li>11. Biting Fly Management</li> <li>12. Termite Management</li> <li>13. Structural Pest Management</li> <li>14. Stored Product Pest Management</li> </ol> <p>Treatment of weeds for lawns, fencelines, and clear zones, and all tree or plant pests are performed under a separate contract. Pest Control treatment of housing units other than Buchanan House is performed under a separate contract.</p> | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.1.1                         | Daily Pest Control Services     | The Contractor shall provide daily pest control services to prevent the appearance and infestation of pests.            | <p>The pests/pest areas listed on J-1503020-07 should be inspected and treated daily.</p> <p>Daily service applies to arthropod, rodent, and stored product pest management in specified food handling areas.</p>  | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.1.2                         | Weekly Pest                     | The Contractor shall provide  | The pests/pest areas listed on J-1503020-07 should   | Applicable performance standards  |

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| <b>1503020 - Pest Control</b> |                                   |  |  |   |
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| <b>Spec Item</b>              | <b>Title</b>                      | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                               | Control Services                  | weekly pest control services to prevent the appearance and infestation of pests.   | be inspected and treated weekly.<br><br>Weekly service applies to mosquito management from April to October in specified areas.  | provided in J-1503020-06 are maintained.                                  |
| 3.1.3                         | Biweekly Pest Control Services    | The Contractor shall provide biweekly pest control services to prevent the appearance and infestation of pests.                            | The pests/pest areas listed on J-1503020-07 should be inspected and treated biweekly.<br><br>Biweekly service applies to arthropod, rodent, and stored product pest management in specified food handling areas and filth fly management from May to October in specified areas. | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.1.4                         | Monthly Pest Control Services     | The Contractor shall provide monthly pest control services to prevent the appearance and infestation of pests.                             | The pests/pest areas listed on J-1503020-07 should be inspected and treated monthly.<br><br>Monthly service applies to rodent management along waterfronts and nuisance arthropod management in specified areas.   | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.1.5                         | Quarterly Pest Control Services   | The Contractor shall provide quarterly pest control services to prevent the appearance and infestation of pests.                           | The pests/pest areas listed on J-1503020-07 should be inspected and treated quarterly.<br><br>Quarterly service applies to nuisance arthropod management in specified areas.   | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.1.7                         | Annual Pest Control Services      | The Contractor shall provide annual pest control services to prevent the appearance and infestation of pests.                              | The pests/pest areas listed on J-1503020-07 should be inspected and treated annually.<br><br>Annual service applies to termite management in specified areas.  | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.2                           | Unscheduled Pest Control Services | The Contractor shall provide timely unscheduled pest surveillance and control services to prevent the appearance and infestation of pests. | Unscheduled pest control services may be ordered for facilities not included in the scheduled pest control services specified above and for any pest group listed in J-1503020-06.   | Applicable performance standards provided in J-1503020-06 are maintained. |
| 3.2.2                         | Service Calls                     | The Contractor shall provide timely pest surveillance and control Service Calls to prevent the appearance and infestation of pests.        | Historical data for pest control service calls is included in J-1502000-03.<br><br>The Contractor shall provide response within the times specified for services calls in Annex  | Applicable performance standards provided in J-1503020-06 are maintained. |

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| <b>1503020 - Pest Control</b> |              |                              |                               |                             |
|-------------------------------|--------------|------------------------------|-------------------------------|-----------------------------|
| <b>Spec Item</b>              | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>    | <b>Performance Standard</b> |
|                               |              |                              | 1502000, Facility Investment. |                             |

| <b>1503020 - Pest Control</b> |              |  |  |                             |
|-------------------------------|--------------|--|--|-----------------------------|
| <b>Spec Item</b>              | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                             | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1503030 - Refuse Collection and Recycling</b> |                     |   |
|--|---------------------|---|
| <b>Spec Item</b>                                 | <b>Title</b>        | <b>Description</b>  |
| 1  | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment required to perform refuse collection and disposal at Naval Support Activity Annapolis. |

| <b>1503030 - Refuse Collection and Recycling</b> |                               |   |
|--|-------------------------------|---|
| <b>Spec Item</b>                                 | <b>Title</b>                  | <b>Description</b>  |
| 2  | Management and Administration |   |
| 2.1  | Definitions and Acronyms      |   |
| 2.1.1  | Container                     | A receptacle designed for holding and transporting various types of solid waste.  |
| 2.1.2  | Debris                        | Grass cuttings, tree trimmings, leaves, pine straw, limbs, stumps, street sweepings, roofing and construction wastes, and similar waste material.   |
| 2.1.3  | Open Burning                  | The combustion of solid waste without (a) control of combustion air to maintain adequate temperature for efficient combustion, (b) containment of the combustion reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion, or (c) control of the emission of the combustion products.   |
| 2.1.4  | Refuse                        | All garbage, ashes, debris, rubbish, and other similar waste materials. Not included are explosive and incendiary waste and contaminated waste from medical and radiological processes.   |
| 2.1.5  | Rubbish                       | A variety of unsalvageable waste materials such as metal, glass, crockery, floor sweepings, paper, wrapping, containers, cartons, and similar articles not used in preparing or dispensing food.  |
| 2.1.6  | Sanitary                      | Free of microorganisms.   |
| 2.1.7  | Solid Waste                   | Refuse and other discarded solid materials resulting from commercial, industrial, residential, and community activities. It does not include hazardous wastes, infectious/medical wastes, solids or dissolved materials in domestic sewage, or other significant pollutants in water resources such as silt, dissolved or suspended solids in industrial waste, water effluents, dissolved materials in irrigation return flow, or other common water pollutants. |
| 2.1.8  | Spillage                      | Any refuse dislodged from containers and/or solid waste collecting equipment in the course of collection and disposal.  |
| 2.1.9  | Waste Deposit Area            | Designated points where solid wastes will be placed for collection by the Contractor. May also be referred to as collection station, collection point, pick-up stations, or collection site.  |
| 2.2  | Records and Reports           | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.  |

| <b>1503030 - Refuse Collection and Recycling</b> |                        |   |   |   |
|--|------------------------|---|---|---|
| <b>Spec Item</b>                                 | <b>Title</b>           | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
| 3  | FFP Work               | The Contractor shall provide refuse collection, disposal and recycling services to ensure refuse and recyclables are properly collected and disposed. |   | All waste containers are emptied on an optimized schedule.<br><br>Refuse collection areas are clean, neat, and sanitary.        |
| 3.1  | Solid Waste Collection | The Contractor shall provide collection of solid waste to ensure refuse is properly collected.  | <p>Types and locations of waste containers are shown in J-1503030-01.</p> <p>The Contractor shall develop and submit a schedule that has been optimized for solid waste collection to prevent waste container overflow.</p> <p>The Contractor shall submit changes to the solid waste collection scheduled in writing to the KO for approval.</p> <p>If the scheduled collection day falls on an observed holiday, pick up shall be on the following work day.</p> <p>The Contractor shall collect and dispose of any spillage.</p> <p>Informational Notes: The Government has found on previous contracts that emptying waste containers seven days a week from April through November and five times per week, Monday through Friday, the remainder of the year has maintained services at an acceptable level.</p> | <p>Solid waste is collected per the Contractor's schedule.</p> <p>Refuse collection and recycling areas are clean and neat.</p> |
| 3.1.1  | Non-Residential        | The Contractor shall remove non-residential waste from containers to ensure refuse is properly collected.   | <p>The Contractor shall return each waste container to its original location.</p> <p>The Contractor shall remove all waste, trash</p>   | Non-residential waste is removed from waste deposit areas per the Contractor's schedule.  |

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| <b>1503030 - Refuse Collection and Recycling</b> |              |                              |  |   |
|--|--------------|------------------------------|--|---|
| <b>Spec Item</b>                                 | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>   | <b>Performance Standard</b>   |
|  |              |                              | <p>and debris from all the trash can receptacles depicted in J-1503030-01.</p> <p>The Contractor shall perform waste collection within 24 hours after any Special Event for the affected locations.</p> <p>The Contractor shall dispose of all trash and waste collected during these operations only in dumpsters within NSA Annapolis designated by the Government.</p> <p>The Contractor shall collect and dispose of any spillage.</p> | <p>Waste deposit areas are free of waste following collection operations.</p> <p>Plastic liners are provided and replaced when soiled or unserviceable.</p> |

| <b>1503030 - Refuse Collection and Recycling</b> |              |  |   |                             |
|--|--------------|--|---|-----------------------------|
| <b>Spec Item</b>                                 | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b> |
| 4  | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions, and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1503040 – Other (Special Events)</b> |                     |  |
|---|---------------------|--|
| <b>Spec Item</b>                        | <b>Title</b>        | <b>Description</b>   |
| 1                                       | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment required to support Special Events services at Naval Support Activity Annapolis. |

| <b>1503040 – Other (Special Events)</b> |  |   |
|---|--|---|
| <b>Spec Item</b>                        | <b>Title</b>                                 | <b>Description</b>  |
| 2                                       | Management and Administration                |   |
| 2.1                                     | Definitions and Acronyms                     |   |
| 2.1.1                                   | Special Event                                | Includes a variety of ceremonies and events hosted or sponsored by the Naval Academy that typically require set-up of tables, chairs, tents, PA systems, and other specified equipment, removal and storage of equipment after the event, and any associated clean-up.  |
| 2.1.2                                   | Special Event Service Call                   | Special Event services calls are unscheduled or scheduled requirements for support of Special Events that are generally smaller in scope than a Special Event category or to support requirements that are not covered within the scope of a specific Special Event Category.   |
| 2.1.3                                   | Special Event Category                       | A pre-defined scope for a range of services and equipment to be provided in support of a Special Event.   |
| 2.2                                     | Special Event Coordinator                    | The Contractor shall designate a primary and alternate point of contact for Special Events. The Contractor shall provide the names and positions of these individuals to the KO within 30 calendar days after contract award and upon any change in assignment. One of these individuals shall attend all Special Event planning meetings.  |
| 2.3                                     | Government Furnished Special Event Equipment | <p>The Contractor shall store Government furnished Special Event equipment on NSA Annapolis property and shall transport it to the event site as necessary. The current inventory of equipment available for special event support, such as folding chairs, folding tables, risers, etc. is included in J-0200000-06. Certain Special Event requirements and overlapping events may require the Contractor to obtain supplementary equipment as a part of the FFP requirement.</p> <p>The Contractor shall be responsible for the periodic servicing, maintenance and repair of equipment listed. Total or partial breakdown or failure of the Government-furnished equipment will not relieve the Contractor of the requirement to fully perform the work of the contract. Upon completion or termination of the contract, all Government-owned equipment shall be returned to the Government in the same condition as received, except for normal wear and tear.</p> <p>Equipment determined to be no longer useful, as determined by the KO, for their intended purposes due to normal wear and tear shall be returned to the Government or properly disposed of as the FSCM may direct, and replacement costs shall be the responsibility of the Contractor. Equipment so acquired shall remain the property of the Contractor.</p> |
| 2.4                                     | Records and Reports                          | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.  |

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| <b>1503040 – Other (Special Events)</b> |                |  |   |   |
|---|----------------|--|---|---|
| <b>Spec Item</b>                        | <b>Title</b>   | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>   |
| 3                                       | FFP Work       | The Contractor shall provide special events services to ensure customer requirements for event set-up are met. | <p>The U. S. Naval Academy hosts military and academic special events throughout the year, all of which are an integral part of the Naval Academy mission. Special events are high visibility and receive the attention of the Superintendent, Commandant, and other civilian and military dignitaries and VIP's. They are extremely important in support of USNA's mission for the professional development of midshipmen.</p> <p>The Contractor shall support all Special Events with the utmost professionalism and attention to detail. Given the repeating nature of the Naval Academy academic year, the majority of events recur from year to year; however, the specific requirements for each event may vary yearly. Naval Academy special events may occur seven days a week and after regular working hours.</p> | Special event set-up is completed to meet customer's request.   |
| 3.1                                     | Special Events | The Contractor shall provide special events services to ensure customer requirements for events are met.       | <p>For each Special Event, the Government will provide a detailed plan of the event (e.g. # of midshipmen and guests, and specific requirements of the event, location, timeframe, etc.).</p> <p>Special Event requests will normally be provided to the Contractor at least 5 calendar days in advance of the event, though some events may be requested on shorter notification. These short notice requests will typically be for service calls or the smaller Special Event categories. Large Special Events are generally scheduled and planned with more advance notice.</p>  | <p>Equipment is provided and set-up to meet the requirements of the event.</p> <p>Equipment is set-up by the time specified within the request and taken down within one working day after completion of the event.</p> |

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| <b>1503040 – Other (Special Events)</b> |                          |  |   |   |
|---|--------------------------|--|---|---|
| <b>Spec Item</b>                        | <b>Title</b>             | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>   |
|   |                          |  | <p>The Contractor shall perform all clean up and restoration of the site or location to its original condition upon removal of Special Event set-up.</p> <p>Informational Note. A description of Special Event services and typical types of Special Events is provided in J-1503040-01.</p>  |   |
| 3.1.1                                   | Special Event Categories | The Contractor shall perform set-up and take down of equipment for Special Event categories to ensure customer requirements for events are met in a timely manner. | <p>Special Events will be ordered by the Government by the appropriate category associated with the scope of the Special Event. There are nine defined categories of Special Events with the associated range of requirements detailed in J-1503040-02.</p> <p>A Special Event Category shall be so defined if two or more of the requirements for that category have been specified in the event request. Changes or modifications to the Special Event request shall be performed as a part of the original special event as long as the requirements for that category have not been exceeded.</p> <p>Each Special Event Category includes miscellaneous funds to cover the costs of labor, material, or equipment for requirements not defined within the specified categories. Additional or specialized equipment or requirements beyond the amounts listed in J-1503040-02 may be ordered by service call or IDIQ task order.</p> <p>The FFP workload shall include the designated number of events for each category as listed in J-1502040-02. Additional Special Events will be ordered</p> | <p>Equipment is provided and set-up to meet the requirements of the event.</p> <p>Equipment is set-up by the time specified within the request and taken down within one working day after completion of the event.</p> |

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| <b>1503040 – Other (Special Events)</b> |                             |   |   |   |
|---|-----------------------------|---|---|---|
| <b>Spec Item</b>                        | <b>Title</b>                | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|   |                             |   | <p>under the applicable IDIQ ELIN.</p> <p>The Contractor shall close out Special Event work orders within five working days of completion of the event in CMMS. This documentation shall include: work order number, major tasks accomplished, number of labor hours, labor cost, and material cost.</p>  |   |
| 3.1.2                                   | Special Event Service Calls | The Contractor shall respond to special event service calls to customer requirements for events are met in a timely manner.   | <p>The Contractor shall receive Special Event service calls in accordance with the work reception requirements in Annex 2.</p> <p>Special Event service calls are limited to a threshold of 24 hours labor or \$2,000 estimated labor and direct material cost. Historical data for Special Event service calls is included in J-1502000-03.</p> <p>Special Event services calls may be issued for set-up of equipment smaller in scope than a Category 1 Special Event, additional labor to move or relocate equipment, or to provide additional equipment in support of an issued Special Event category.</p> <p>The FFP workload shall include the designated number of Special Event service calls as listed in J-1502040-02. Additional Special Events service calls will be ordered under the applicable IDIQ ELIN.</p> | <p>Equipment or services are provided to meet the requirements of the event.</p> <p>Equipment or services are provided within the time specified.</p>   |
| 3.1.3                                   | Port-A-Pot Rental Services  | The Contractor shall provide Port-A-Pot rental, movement and maintenance to ensure restroom facilities are available for use by personnel attending special events. | <p>The Contractor shall provide Port-A-Pot rental, movement and maintenance.</p> <p>The Contractor is responsible for the correct placement of all Port-A-Pots in response to special events or other work requests. The Contractor is responsible for tracking the movement and status of all Port-A-Pots.</p>   | <p>Port-A-Pots are provided to meet the requirements of the event.</p> <p>Port-A-Pots are provided within the time specified.</p> <p>Sufficient Port-A-Pots are available for Special Events or other requests.</p> |

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| <b>1503040 – Other (Special Events)</b> |                 |  |   |   |
|---|-----------------|--|---|---|
| <b>Spec Item</b>                        | <b>Title</b>    | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>   |
|   |                 |  | <p>The quantity of the rentals required may fluctuate based upon the situation or special event that is taking place. A minimum number of twenty (20) Port-A-Pots shall be available from October to March and sixty (60) Port-A-Pots shall be available from April to September. Additional Port-A-Pots may be required based upon the specifications of a special event category or service call.</p> <p>All Port-A-Pot rentals must be newer condition, and there must be at least 5% that are handicap accessible.</p> <p>The Contractor is responsible for emptying all of the Port-A-Pots. All Port-A-Pots must be emptied and cleaned on a regular basis and shall at no time be overflowing or left in an unsanitary condition.</p> | <p>Port-A-Pots are maintained in a clean and ready for use status during the event.</p>   |
| 3.1.4                                   | Funeral Support | The Contractor shall provide funeral support for burials and columbarium services to ensure customer requirements for funerals are met in a timely manner. | <p>The Contractor shall provide support for in-ground burial services, cremation services, and columbarium services.</p> <p>The Contractor shall provide funeral support as specified in J-1502040-03.</p> <p>The FFP workload shall include the designated number of funeral services as listed in J-1502040-03. Additional funeral services will be ordered under the applicable IDIQ ELIN.</p>   | <p>Burial and columbarium services meet the specified requirements for funeral support.</p> <p>Services are performed by the time specified within the request.</p> |

| <b>1503040 – Other (Special Events)</b> |              |  |   |                             |
|---|--------------|--|---|-----------------------------|
| <b>Spec Item</b>                        | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b> |
| 4                                       | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions, and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1503060 - Street Sweeping and Snow Removal</b> |                     |  |
|---|---------------------|--|
| <b>Spec Item</b>                                  | <b>Title</b>        | <b>Description</b>   |
| 1   | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment required to perform Street Sweeping and Snow Removal Services at Naval Support Activity Annapolis. |

| <b>1503060 - Street Sweeping And Snow Removal</b> |  |   |
|---|--|---|
| <b>Spec Item</b>                                  | <b>Title</b>                           | <b>Description</b>  |
| 2   | Management And Administration          |   |
| 2.1   | Definitions and Acronyms               |   |
| 2.1.1   | Debris                                 | Includes, but is not limited to, paper, cans, bottles, limbs and branches, pine straw and pinecones, leaves, rocks, and other similar items.  |
| 2.1.2   | Passage                                | The movement of persons or vehicles across paved surfaces.  |
| 2.1.3   | Snow Event                             | Any occurrence of frozen precipitation that results in visible accumulation of snow or ice on paved surfaces.   |
| 2.2   | Personnel                              | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently provide street sweeping and snow removal services. |
| 2.2.1   | Certification, Training, and Licensing | Specific certification and training requirements are addressed in the appropriate Spec Item 3.  |
| 2.3   | Debris Disposal                        | The Contractor shall dispose of debris as specified in Annex 2.   |
| 2.4   | Records and Reports                    | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.                          |

| <b>1503060 - Street Sweeping and Snow Removal Services</b> |                            |   |  |   |
|--|----------------------------|---|--|---|
| <b>Spec Item</b>   | <b>Title</b>               | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
| 3  | FFP Work                   | The Contractor shall provide snow and ice removal and pavement sweeping to achieve a clean appearance and safe use of paved surfaces. | <p>There are four Common Output Levels (COLs) for the street sweeping and snow removal function (COL1, COL2, COL3, and COL4).</p> <p>The services within this specification will be provided at COL1 for USNA (within the yard) and COL3 for the remaining areas of NSA Annapolis. The spec items below detail the work requirements related to the applicable COLs.</p> | Paved surfaces are clean, safe, and passable.   |
| 3.1  | Pavement Sweeping Services | The Contractor shall sweep paved surfaces to ensure paved surfaces are clean.   | <p>The Contractor shall sweep roads, parking areas, open storage, and other designated surfaced areas.</p> <p>The Contractor shall complete weekday operations prior to 0800 in order to minimize interruption of regular traffic patterns.</p> <p>The Contractor shall manually clean areas that cannot be power swept.</p>   | Paved surfaces are cleaned per the Contractor's schedule.   |
| 3.1.1  | Routine Sweeping Services  | The Contractor shall provide sweeping services on a routine basis to ensure paved surfaces are clean.                                 | <p>The Contractor shall perform routine street sweeping for the areas designated in J-1503060-01.</p> <p>The Contractor shall develop and submit a schedule for pavement sweeping services. The areas shown on the USNA map shall be serviced twice weekly and the areas shown on the North Severn map shall be serviced weekly.</p>                                     | <p>Paved surfaces are cleaned per the Contractor's schedule.</p> <p>Paved surfaces are cleaned free of visible sand, soil, aggregates, grass, metals, debris, and other foreign matter.</p> |

| <b>1503060 - Street Sweeping and Snow Removal Services</b> |                                 |  |   |  |
|--|---------------------------------|--|---|--|
| <b>Spec Item</b>   | <b>Title</b>                    | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
| 3.1.2  | Special Event Sweeping Services | The Contractor shall provide sweeping services during special periods to ensure paved surfaces are clean.  | In addition to the routine services listed above, the Contractor shall perform street sweeping for the areas designated in J-1503060-02 at the following times:<br><ul style="list-style-type: none"> <li>- Prior to Plebe Parents' Weekend (August; 1 day)</li> <li>- Prior to First Class Parents' Weekend (September; 1 day)</li> <li>- Prior to Induction Day (June or July; 1 day)</li> <li>- Commissioning Week (May; 6 days)</li> <li>- Fall Foliage Removal (Estimated 4-6 times during September through November)</li> </ul>                                  | Paved surfaces are cleaned per the Contractor's schedule.<br><br>Paved surfaces are cleaned free of visible sand, soil, aggregates, grass, metals, debris, and other foreign matter. |
| 3.2  | Snow and Ice Removal Services   | Contractor shall provide snow and ice removal services to ensure all paved surfaces are safe and passable. | The Contractor shall accomplish snow and ice removal 24 hours per day, 7 days a week during a snow or ice occurrence. A snow or ice occurrence is defined as the entire period of accumulation. For instance, if it snows for two days without stopping, it will be considered one snow occurrence.<br><br>The Contractor's snow removal response shall comply with USNAINST 11300.4. Snow removal operations shall commence when a snowfall of one inch has accumulated, when icy conditions require sanding or salting, or when otherwise directed by the Government. | Paved surfaces are safe and passable.<br><br>Removal of snow and ice is completed within the designated priority order.  |
| 3.2.1  | Snow and Ice Removal            | The Contractor shall remove snow and ice to ensure designated paved surfaces are safe and passable.        | The Contractor shall provide snow and ice removal services for the roads and parking areas identified in J-1503060-03. Snow and ice removal for building entrances and  | Designated paved surfaces are accessible for operations, fire protection, and vehicular and pedestrian traffic.  |

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| <b>1503060 - Street Sweeping and Snow Removal Services</b> |              |                              |   |  |
|--|--------------|------------------------------|---|--|
| <b>Spec Item</b>   | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>  | <b>Performance Standard</b>  |
|  |              |                              | <p>sidewalks are performed under separate contracts.</p> <p>Snow removal equipment operators have proper qualifications and licensing.</p> <p>The Contractor shall spread sand, salt, or other deicing material, when needed, on paved surfaces for the safety of vehicular and pedestrian traffic. The Contractor shall submit an MSDS or other description of deicing material intended for application to the KO for approval prior to use.</p> <p>The Contractor shall provide snow and ice removal in priority order per the levels shown in J-1503060-03.</p> <p>Expected workload for snow and ice removal service is as follows:<br/>                     - NSA Annapolis: six times per year.<br/>                     - NOSC Baltimore: four times per year.<br/>                     Snow and ice removal services for NOSC Baltimore will be ordered independently and counted separately from NSA Annapolis. Any occurrences beyond these amounts will be ordered under the applicable IDIQ ELIN.</p> <p>For minor snow or ice events, snow and ice removal service that falls within the service call limit shall be considered a service call and shall not be counted within the six occurrences.</p> | <p>Designated paved surfaces are safe for passage.</p> <p>Removal of snow and ice is completed within the designated priority order.</p> |

| <b>1503060 - Street Sweeping and Snow Removal</b> |              |   |   |                             |
|---|--------------|---|---|-----------------------------|
| <b>Spec Item</b>                                  | <b>Title</b> | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b> |
| 4   | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The number of Contractor working days will be specified in each ELIN. | Refer to IDIQ ELINs for task listings, descriptions, and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1601000 – Chiller Plant</b> |                     |   |
|--------------------------------|---------------------|---|
| <b>Spec Item</b>               | <b>Title</b>        | <b>Description</b>  |
| 1                              | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment to continuously operate, maintain and repair the Chiller Plant and Distribution System located at Naval Support Activity Annapolis. |

| <b>1601000 – Chiller Plant</b> |  |  |
|--------------------------------|--|--|
| <b>Spec Item</b>               | <b>Title</b>                                 | <b>Description</b>   |
| 2                              | Management and Administration                |  |
| 2.1                            | Definitions and Acronyms                     |  |
| 2.1.1                          | ANSI   | American National Standards Institute  |
| 2.1.2                          | ARI  | Air-Conditioning and Refrigeration Institute   |
| 2.1.3                          | ASHRAE                                       | American Society of Heating, Refrigerating and Air-Conditioning Engineers  |
| 2.1.4                          | CWP  | Chilled Water Plant  |
| 2.1.5                          | DDC  | Direct Digital Controls  |
| 2.1.6                          | EMCS   | Energy Management Control System   |
| 2.1.7                          | Preventive Maintenance (PM)                  | PM consists primarily of inspection, testing, cleaning, lubrication, adjustment, calibration, and minor part and component replacement (such as filters, batteries, belts, hoses, fluids, oil and grease) as required to verify proper system operation; minimize malfunction, breakdown, and deterioration of systems and equipment; and maximize useful life.  |
| 2.2                            | Personnel                                    | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently operate, maintain and repair the Chiller Plant and Distribution System.   |
| 2.2.1                          | HVAC Technicians                             | The Contractor shall employ only technicians trained and certified per the requirements of 40 CFR Part 82 EPA Regulations on the Protection of Stratospheric Ozone, who use approved recovery and recycling equipment, and who test, maintain, service, repair or dispose of industrial process refrigeration and air conditioning systems and equipment.  |
| 2.2.1.1                        | EPA Ozone-depleting Substances Certification | Certification required for all Contractor employees who perform repairs or service on air conditioning and refrigeration equipment containing ozone-depleting substances, per ASHRAE-3 1990 Guidance. Information available through <a href="http://www.epa.gov/Ozone/title6/608/">http://www.epa.gov/Ozone/title6/608/</a>  |
| 2.2.2                          | Lead EMCS Technician                         | The Contractor shall designate a Lead EMCS Technician (and alternate if necessary) who has sole authority to make EMCS software programming changes. The Lead EMCS Technician (or designated alternate) shall also be the primary point of contact for coordination and communication with the COR for all issues related to chiller plant operation and EMCS. The Lead EMCS Technician shall have training and experience in the operations and management of the EMCS and DDC operated under this contract. The name and qualifications of the Lead EMCS Technician shall be submitted to the KO for approval. |
| 2.3                            | Government Furnished Power and Fuels         | The Government will provide all electrical power for fixed plants and portable plants associated with chiller plant operation.   |
| 2.4                            | Work Coordination                            | The Contractor shall coordinate all maintenance and repair work and outages in a manner that minimizes the disruption of air conditioning services. Outage requests shall be submitted when necessary as specified in Annex 2.   |
| 2.5                            | Ozone Depleting Substances (ODS)             | The Contractor shall not vent or otherwise dispose of any Class I or Class II ODS refrigerant into the atmosphere during the service, repair, or disposal of industrial process refrigeration and air conditioning equipment. These refrigerants shall be captured and recycled in conformance with all applicable Federal, state, and local laws and regulations. The Contractor shall comply with  |

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| <b>1601000 – Chiller Plant</b> |                                     |  |
|--------------------------------|-------------------------------------|--|
| <b>Spec Item</b>               | <b>Title</b>                        | <b>Description</b>   |
|                                | Environmental Compliance Management | USNA's Ozone Depleting Substance (ODS) Management Plan when dealing with refrigerant loss and ODS Management.  |
| 2.6                            | Records and Reports                 | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes. |

| <b>1601000 – Chiller Plant</b> |              |  |  |  |
|--------------------------------|--------------|--|--|--|
| <b>Spec Item</b>               | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
| 3                              | FFP Work     | The Contractor shall efficiently operate and maintain the Chiller Plant and Distribution System to safely produce and distribute quality, reliable chilled media, such that all air conditioning requirements are continually met. | <p>The current Chiller Plant and Distribution System Description and Inventory is provided in J-1601000-01. Technical drawings for the chiller plant and distribution utility systems are provided J-1601000-02.</p> <p>The Contractor shall respond to emergency and urgent situations per the requirements for Service Calls specified in Annex 1502000. The Contractor shall immediately notify the COR of all emergency situations and again once the emergency situation is alleviated.</p> <p>The Contractor shall comply with USNA's Ozone Depleting Substance (ODS) Management Plan when dealing with refrigerant loss and ODS Management.</p> <p>The Contractor shall shut-down, restart, and perform operational checks on all equipment affected by both scheduled and unscheduled utility outages at no additional cost to the Government.</p> <p>The Contractor shall develop a list of critical spare parts and maintain such an inventory of critical spare parts required to keep the entire system in continuous service to meet all air conditioning requirements.</p> | Air conditioning is continuously and safely provided and meets all temperature and humidity control requirements.  |
| 3.1                            | Operation    | The Contractor shall operate the Chiller Plant and Distribution System to efficiently and safely produce chilled media to meet all air conditioning requirements 24 hours per day, seven days per week, throughout the contract    | <p>Operation consists of “watch-standing” or attendance type work by a sufficient staff of qualified persons during a specified time period to ensure safe, reliable, efficient production and distribution of chilled media.</p> <p>CWP operation shall meet heating and cooling load requirements (pressure, temperature, and</p>  | Plant and System equipment and components are efficiently, safely and continuously operated per specified operating criteria to produce chilled media to meet air conditioning requirements. |

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| <b>1601000 – Chiller Plant</b> |  |  |   |  |
|--------------------------------|--|--|---|--|
| <b>Spec Item</b>               | <b>Title</b>                                 | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                                |  | period.  | <p>mass flow rate) for comfort heating and cooling during occupied periods.</p> <p>Operation of the Chiller Plant and Distribution System includes equipment and system components, such as, chillers, pumps, valves, chemical treatment devices, monitoring and control systems, and meters, and distribution lines, and includes tasks, such as, monitoring and regulation of equipment controls, maintaining operating records, logs, and reports, and examination, lubrication and minor adjustment of equipment and system components.</p> <p>Plant and systems equipment and components shall be efficiently and safely operated per the USNA plant O&amp;M manual and USNAINST 4100.3. Chiller plant and distribution system operations shall comply with ANSI, ARI, and ASHRAE Standards.</p> <p>Safe operation shall ensure that all Chiller Plant equipment requiring operator attendance is staffed by qualified personnel at all times of operation. The KO shall be notified immediately if unsafe conditions are discovered.</p> <p>Temperature settings shall be maintained at 76°F (+/- 2°F) during the cooling season and 68°F (+/- 2°F) during the heating season, unless otherwise directed by the Government.</p> |  |
| 3.1.1                          | Chiller Plant Controls and Monitoring System | The Contractor shall operate the Chiller Plant Controls and Monitoring System to efficiently produce and distribute chilled media. | The Contractor shall utilize the Computerized Automation Systems (EMCS and DDC) to control the environment of NSA Annapolis facilities. The Contractor shall control and monitor the operation of air handling systems that include but are not limited to dampers, valves, and exhaust and supply  | <p>Chilled media is continuously maintained within specified operating limits.</p> <p>Temperature and humidity control requirements specified in J-1601000-02 are met.</p> |

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| <b>1601000 – Chiller Plant</b> |   |   |  |   |
|--------------------------------|---|---|--|---|
| <b>Spec Item</b>               | <b>Title</b>                                | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                                |   |   | <p>fans. USNAINST 4100.3 sets guidelines for building temperatures. The goal is to maintain a balance between system operating efficiency and customer comfort.</p> <p>The Contractor shall maintain, change, update, and modify existing computer parameters to include start and stop times for air handler units (AHUs), enthalpy switch-over programs, load shed systems, demand limiting, optimum run time programs, tower reset, supply air reset, and interlocking control systems. The Contractor shall maintain parameters and settings for each building as directed by the COR. Any deviations from these settings require KO approval.</p> <p>The Government will furnish periodic system upgrades and provide training for Contractor operators on new system capabilities.</p> |   |
| 3.1.2                          | Chilled Water Testing and Treatment Program | The Contractor shall provide and implement, where water is used as the chilled media, a Chilled Water Testing and Treatment Program to ensure optimum equipment operation and efficiency.   | <p>The Contractor shall develop and submit, to the KO for approval within 30 days following contract award, a Chilled Water Testing and Treatment Program in accordance with manufacturers' recommendations and ASHRAE standards for applicable equipment.</p> <p>The Contractor shall perform testing and chemical treatment of chilled water systems to meet the chemical residual limits specified in J-1601000-03.</p>   | <p>Sampling and testing is accomplished per the Contractor's program and schedule.</p> <p>Test results confirm that chilled water meets specified chemical residual limits.</p> |
| 3.1.3                          | Chiller Plant Minimum Operator Attendance   | The Contractor shall provide chiller operators in sufficient quantities of staffing per shift to efficiently and safely operate chillers and EMCS at all times of operation, 24 hours per day, seven days per week, throughout the contract | The Contractor shall provide on-site operators 365 days per year, 24 hours per day. The Contractor shall operate the centralized EMCS system from the Lejuene chiller plant (597U) when this plant is in operation. When the Lejuene chiller plant is shut down in the winter, EMCS controls shall be shifted to the Rickover G-49 chiller plant (572U).   | Chiller operators meet minimum specified attendance requirements.   |

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| <b>1601000 – Chiller Plant</b> |   |   |   |   |
|--------------------------------|---|---|---|---|
| <b>Spec Item</b>               | <b>Title</b>                                    | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                                |   | period.   | <p>Minimum attendance requirements for chillers shall comply with the USNA plant O&amp;M manual.</p> <p>Attendance visits for operating chillers shall be of sufficient duration to observe a complete operational cycle and perform operator checks.</p>   |   |
| 3.1.4                          | Operating Records, Logs, Reports and Procedures | <p>The Contractor shall prepare, submit and maintain operating records, logs and reports for in-process tracking of plant output characteristics.</p> <p>The Contractor shall develop and update operating procedures to reflect current operating processes and Plant and Systems configuration.</p> | <p>The Contractor shall provide an electronic update daily (7 days per week) by 0700 hours to the COR concerning the operating status of all utility plants and key equipment within. An example format is shown in J-1601000-04. The Contractor shall comment on equipment that is not operational or in need of major repair, as well as the status of any equipment returned to normal operating condition. Each day's report shall include accurate and up-to-date information.</p> <p>The Contractor shall maintain a daily record of the readings as listed in J-1601000-05 for each of the 6 chillers and associated equipment. The Contractor shall maintain daily hard copy printouts from the EMCS of the readings prescribed for the 6 chillers. The Contractor shall maintain these printouts for 1 year.</p> <p>The Contractor shall prepare, update, and post in clear view for operators, written Standard Operating Procedures within 30 days after contract start and five days after making changes to any Plant operating procedure, equipment and components.</p> | All required operating records, logs, reports and procedures are maintained current and complete and applicable copies provided to the KO within the specified times. |
| 3.2                            | Preventive Maintenance (PM) Program             | The Contractor shall develop and implement a PM program for the Chiller Plant and Distribution System to ensure proper operation, to minimize breakdowns, and to maximize   | The Contractor shall submit a PM program to the KO to validate completeness. The PM program shall be developed based on an economical approach, manufacturers' recommended procedures, OEM standards, and maintenance required to satisfy equipment warranties.   | <p>The Contractor's PM program is submitted within 30 days following award.</p> <p>PM is accomplished per the Contractor's program and work schedule.</p>             |

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| <b>1601000 – Chiller Plant</b> |              |                              |  |                             |
|--------------------------------|--------------|------------------------------|--|-----------------------------|
| <b>Spec Item</b>               | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>   | <b>Performance Standard</b> |
|                                |              | useful life.                 | <p>A summary of PM Job Plans is provided in J-1502000-04. These PM Job Plans represent the minimum requirements for PM. The Contractor is encouraged to recommend additions and deletions to the checklists to improve the program. In addition, the Contractor shall provide recommendations for the PM of replacement parts and equipment if different from the item replaced.</p> <p>The PM program shall include all equipment and components of the Chiller Plant and Distribution System, such as, chillers, pumps, valves, chemical treatment devices, monitoring and control systems, meters, piping, supports, hangers and insulation.</p> <p>The Contractor shall perform any repairs identified during performance of PM requiring less than one labor hour and \$100.00 in material costs, per piece of equipment. Notification of repair work exceeding the PM limit shall be submitted to the KO within two working days of identification. Service calls or IDIQ work may be issued for repairs exceeding the PM limit.</p> <p>Excessive or repeated system or equipment breakdowns or deficiencies may indicate the need to adjust or modify the Contractor's PM program. These changes will be made at no additional cost to the Government.</p> <p>The Contractor shall schedule and issue PMs through the CMMS. PMs shall be closed out with appropriate data records into CMMS within two days of completion. The Contractor shall submit a monthly PM schedule to the COR by the 25<sup>th</sup> of each month.</p> |                             |

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| <b>1601000 – Chiller Plant</b> |                                       |  |   |  |
|--------------------------------|---------------------------------------|--|---|--|
| <b>Spec Item</b>               | <b>Title</b>                          | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                                |                                       |  | The Contractor shall maintain records of PM performed including the date performed, labor hours, materials used, and explanation of any equipment problems found. All records shall be provided to the Government for review upon request and turned over upon completion or termination of the contract.   |  |
| 3.2.1                          | Chiller Plant and Distribution System | The Contractor shall perform PM for the chiller Plant and distribution system and associated equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life.  | <p>The description and inventory of the chiller plant and distribution system and associated equipment is provided in J-1601000-01.</p> <p>PM shall be performed per ANSI, ARI, and ASHRAE Standards, OMSI, and equipment manufacturer's recommendations and commercially accepted practices. All work shall meet the workmanship and material requirements of NAVFAC MO-209, ASME codes, and the IPC.</p>  | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p>  |
| 3.2.2                          | Seasonal Changeover                   | The Contractor shall perform seasonal start-up and shutdown to ensure the Chiller Plant and Distribution System is prepared and activated at the start of each season and deactivated and preserved at the end of each season. | <p>The Contractor shall perform start-up and shutdown of chiller plant and distribution system components as identified in the applicable SJO.</p> <p>Air conditioning systems are normally shutdown during the months of October or November, and started up during the months of April or May; however, the length of the season will vary and no adjustment in the contract price will be made regardless of the actual length of the season. The KO will advise the Contractor of the specific date or dates when such services should begin to be accomplished. Seasonal start-up and shutdown shall be performed per USNAINST 4100.3 and as specified in the related PM Job Plans and SJOs.</p> <p>Prior to each seasonal changeover, the Contractor shall perform a complete system line-up to verify proper operation of chiller plant and distribution</p> | <p>Seasonal start-up and shutdown work must be completed within five working days of the specified start date.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

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| <b>1601000 – Chiller Plant</b> |              |                              |   |                             |
|--------------------------------|--------------|------------------------------|---|-----------------------------|
| <b>Spec Item</b>               | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>  | <b>Performance Standard</b> |
|                                |              |                              | <p>system and components as specified in the related SJOs. This line-up and verification shall be completed by 10 April for the cooling transition and prior to 1 September for the heating transition. The Contractor shall coordinate scheduling of this effort with the COR to minimize impact on heating or cooling for facilities.</p> <p>Fall shutdown shall include securing and winterizing the air conditioning system and activating steam, electric, or gas heating system and resetting all thermostats as required.</p> <p>Spring start-up shall include activating the air conditioning system and securing and preserving all heating coils or heat exchangers and resetting all thermostats as required.</p> <p>The Contractor shall prepare written Standard Operating Procedures for seasonal start-up and shutdown of HVAC/EMCS systems within 30 days after contract start and update SOPs after any changes are made to systems, equipment and components.</p> |                             |

| <b>1601000 – Chiller Plant</b> |              |  |  |                             |
|--------------------------------|--------------|--|--|-----------------------------|
| <b>Spec Item</b>               | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                              | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1602000 - Electrical</b> |                     |   |
|-----------------------------|---------------------|---|
| <b>Spec Item</b>            | <b>Title</b>        | <b>Description</b>  |
| 1                           | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment to continuously operate, maintain, and repair the Electrical Power Transmission and Distribution Systems located at Naval Support Activity Annapolis. |

| <b>1602000 - Electrical</b> |                                  |   |
|-----------------------------|----------------------------------|---|
| <b>Spec Item</b>            | <b>Title</b>                     | <b>Description</b>  |
| 2                           | Management and Administration    |   |
| 2.1                         | Definitions and Acronyms         |   |
| 2.1.1                       | ANSI                             | American National Standards Institute   |
| 2.1.2                       | ASHRAE                           | American Society of Heating, Refrigerating and Air-Conditioning Engineers   |
| 2.1.3                       | ASME                             | American Society of Mechanical Engineers  |
| 2.1.4                       | High Voltage Transmission        | Transmission of electrical loads greater than 69 kilovolts (KV).  |
| 2.1.5                       | Low Voltage Distribution         | Distribution of electrical loads less than or equal to 600 volts (V).   |
| 2.1.6                       | Medium Voltage Distribution      | Distribution of electrical loads ranging from greater than 600 V up to and including 69 KV.   |
| 2.1.7                       | NEC                              | National Electrical Code  |
| 2.1.8                       | NFPA                             | National Fire Protection Association  |
| 2.1.9                       | Preventive Maintenance (PM)      | PM consists primarily of inspection, testing, cleaning, lubrication, adjustment, calibration, and minor part and component replacement (such as filters, batteries, belts, hoses, fluids, oil and grease) as required to verify proper system operation; minimize malfunction, breakdown, and deterioration of systems and equipment; and maximize useful life. |
| 2.3                         | Personnel                        | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently operate, maintain and repair the Electrical Transmission and Distribution Systems.   |
| 2.3.1                       | Certification and Training       | Specific certification and training requirements are addressed herein and in the applicable Spec Item 3 below.  |
| 2.3.1.1                     | High Voltage Electrical Training | Annual training is required for all Contractor employees who work on high voltage electrical systems. Training shall include: High Voltage electrical safety training (NFPA 70E), High Voltage Equipment Maintenance, and High Voltage troubleshooting techniques and National Electrical Code classes.   |
| 2.4                         | Work Coordination                | The Contractor shall coordinate all maintenance and repair work and outages in a manner that minimizes the disruption of electric services. Outage requests shall be submitted when necessary as specified in Annex 2.  |
| 2.5                         | Records and Reports              | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.  |

Amendment 0005

| <b>1602000 - Electrical</b> |  |  |  |  |
|-----------------------------|--|--|--|--|
| <b>Spec Item</b>            | <b>Title</b>   | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
| 3                           | FFP Work   | The Contractor shall efficiently operate and maintain the Electrical Transmission and Distribution Systems to safely transmit and distribute reliable electrical power such that all electrical requirements are continually met.                  | <p>The current Electrical Transmission and Distribution Systems Description and Inventory is provided in J-1602000-01. Technical drawings for the electrical utility system are provided J-1602000-02.</p> <p>The Contractor shall shut-down, restart, and perform operational checks on all equipment affected by both scheduled and unscheduled utility outages at no additional cost to the Government.</p> <p>Any work conducted in the vicinity of High Voltage electrical power lines or components must be performed in the presence of a trained High Voltage Electrician. This includes all work specified throughout this contract.</p> <p>The Contractor shall develop a list of critical spare parts and maintain such an inventory of critical spare parts required to keep the entire system in continuous service to meet electrical power demand requirements.</p> | Electrical power is continuously and safely transmitted and distributed to meet demand requirements.   |
| 3.1                         | Operate Electrical Power Transmission and Distribution Systems | The Contractor shall efficiently and safely operate the Electrical Power Transmission and Distribution Systems to provide electrical power to meet all demand requirements, 24 hours per day, seven days per week, throughout the contract period. | <p>Systems equipment and components shall be efficiently and safely operated per ANSI, ASHRAE, NEC, and NFPA Standards</p> <p>The only recurring operational FFP requirement for this annex is meter reading as specified below.</p>   | Systems equipment and components are efficiently, safely and continuously operated per operating criteria to distribute electrical power to meet demand. |
| 3.1.1                       | Meter Reading  | The Contractor shall read and record data from electric meters to facilitate proper utility billing.   | <p>The Contractor shall accomplish readings for all electric meters listed in J-1602000-01.</p> <p>The Contractor shall record readings for all utility meters by the first working day of each month.</p> <p>The Contractor shall provide this information in</p>   | <p>All meters are read within the specified time.</p> <p>Meter readings are accurate and submitted to the COR within the specified time.</p>             |

Amendment 0005

| <b>1602000 - Electrical</b> |                                     |   |   |   |
|-----------------------------|-------------------------------------|---|---|---|
| <b>Spec Item</b>            | <b>Title</b>                        | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                             |                                     |   | <p>electronic report format, as shown in J-1602000-03, to the COR no later than the 5<sup>th</sup> day of each month.</p> <p>The Contractor shall notify the Government of any physical meter deficiencies, e.g., broken glass, condensation, missing components. Meters shall be adjusted or recalibrated where necessary.</p> <p>The Contractor shall perform meter re-readings as required at no additional cost.</p>  |   |
| 3.2                         | Preventive Maintenance (PM) Program | The Contractor shall develop and implement a PM program for the Electrical Power Transmission and Distribution Systems to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The Contractor shall submit a PM program to the KO to validate completeness. The PM program shall be developed based on an economical approach, manufacturers' recommended procedures, OEM standards, and maintenance required to satisfy equipment warranties.</p> <p>A summary of PM Job Plans is provided in J-1502000-04. These PM Job Plans represent the minimum requirements for PM. The Contractor is encouraged to recommend additions and deletions to the checklists to improve the program. In addition, the Contractor shall provide recommendations for the PM of replacement parts and equipment if different from the item replaced.</p> <p>The PM program shall include all equipment and components of the Electrical Transmission and Distribution Systems (e.g., substations, transformers, switchgear, transmission and distribution lines, structures and poles, street and perimeter lighting, etc.). The systems and equipment, including associated inventories, that shall be included in the PM program are addressed in the PM Spec Items below.</p> | <p>The Contractor's PM program is submitted within 30 days following award.</p> <p>PM is accomplished per the Contractor's program and work schedule.</p> |

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| <b>1602000 - Electrical</b> |                                 |   |  |  |
|-----------------------------|---------------------------------|---|--|--|
| <b>Spec Item</b>            | <b>Title</b>                    | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                             |                                 |   | <p>PM shall be performed per ANSI Standards, OMSI, and equipment manufacturer's recommendations and commercially accepted practices.</p> <p>The Contractor shall perform any repairs identified during performance of PM requiring less than one labor hour and \$100.00 in material costs, per piece of equipment. Notification of repair work exceeding the PM limit shall be submitted to the KO within two working days of identification. Service calls or IDIQ work may be issued for repairs exceeding the PM limit.</p> <p>Excessive or repeated system or equipment breakdowns or deficiencies may indicate the need to adjust or modify the Contractor's PM program. These changes will be made at no additional cost to the Government.</p> <p>The Contractor shall schedule and issue PMs through the CMMS. PMs shall be closed out with appropriate data records into CMMS within two days of completion. The Contractor shall submit a monthly PM schedule to the COR by the 25<sup>th</sup> of each month.</p> <p>The Contractor shall maintain records of PM performed including the date performed, labor hours, materials used, and explanation of any equipment problems found. All records shall be provided to the Government for review upon request and turned over upon completion or termination of the contract.</p> |  |
| 3.2.1                       | Electrical Distribution Systems | The Contractor shall perform PM on Electrical Distribution Systems to ensure proper | The description and inventory of the electrical distribution system and associated equipment is provided in J-1602000-01.  | PM is accomplished per the Contractor's program and work schedule. |

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| <b>1602000 - Electrical</b> |              |   |   |   |
|-----------------------------|--------------|---|---|---|
| <b>Spec Item</b>            | <b>Title</b> | <b>Performance Objective</b>                                    | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                             |              | operation, to minimize breakdowns, and to maximize useful life. | <p>The Contractor shall maintain electrical distribution systems and equipment per NAVFAC MO-116, NAVFAC MO-200, NAVFAC MO-201, the National Fire Protection Association (NFPA) 70, National Electrical Code (NEC), National Electrical Testing Association (NETA-2005), and original manufacturer specifications.</p> <p>The Contractor's responsibility for the electrical distribution system begins at the Baltimore Gas and Electric (BGE) incoming electrical service to the USNA and USNS and shall include all overhead and underground power cables to and including the downstream transformer substations, vaults and associated terminating low voltage switchgear. High voltage electrical repair work may include work on electrical equipment, service connections and distribution switchgear, panels, single and three-phase, ranging from 480 to 13,800 volts</p> <p>The Contractor shall maintain low and high voltage electrical distribution equipment to minimize electrical distribution failures and power fluctuations. The Contractor shall perform all maintenance in a manner that assures a reliable, efficient, functional and safe electrical distribution system.</p> <p>Any PMs or other work on electrical systems, particularly HV electrical work, that requires outages shall be approved per Annex 0200000, Spec Item 2.6.3. These outages, and associated switching procedures, are typically required to be</p> | <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

Amendment 0005

| <b>160200 - Electrical</b> |              |                              |  |                             |
|----------------------------|--------------|------------------------------|--|-----------------------------|
| <b>Spec Item</b>           | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>             | <b>Performance Standard</b> |
|                            |              |                              | conducted after regular working hours. |                             |

| <b>1602000 - Electrical</b> |              |  |  |                             |
|-----------------------------|--------------|--|--|-----------------------------|
| <b>Spec Item</b>            | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                           | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1603000 - Gas</b> |                     |  |
|----------------------|---------------------|--|
| <b>Spec Item</b>     | <b>Title</b>        | <b>Description</b>   |
| 1                    | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment to continuously operate, maintain, and repair the Gas Distribution System at Naval Support Activity Annapolis. |

| <b>1603000 - Gas</b> |                               |  |
|----------------------|-------------------------------|--|
| <b>Spec Item</b>     | <b>Title</b>                  | <b>Description</b>   |
| 2                    | Management and Administration |  |
| 2.1                  | Definitions and Acronyms      |  |
| 2.1.1                | AGA                           | American Gas Association   |
| 2.1.2                | ANSI                          | American National Standards Institute  |
| 2.2                  | Personnel                     | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently operate, maintain and repair the Gas Distribution System. |
| 2.3                  | Work Coordination             | The Contractor shall coordinate all maintenance and repair work and outages in a manner that minimizes the disruption of services.   |
| 2.4                  | Records and Reports           | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.                                 |

| <b>1603000 - Gas</b> |               |   |  |   |
|----------------------|---------------|---|--|---|
| <b>Spec Item</b>     | <b>Title</b>  | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
| 3                    | FFP Work      | The Contractor shall efficiently and safely operate and maintain the Gas Distribution System to distribute gas, such that all power plant and heating demand requirements are continually met.                                    | The current Gas Distribution System Description and Inventory is provided in J-1603000-01. Technical drawings for the gas distribution utility system are provided J-1603000-02.   | Gas is continuously and safely distributed.   |
| 3.1                  | Operation     | The Contractor shall operate the Gas Distribution System to efficiently and safely distribute gas to meet all power plant and heating demand requirements, 24 hours per day, seven days per week, throughout the contract period. | Plant and systems equipment and components shall be efficiently and safely operated per AGA and ANSI Standards.<br><br>There are no recurring maintenance tasks specified for the gas distribution system. All maintenance and repair tasks will be ordered by service call or IDIQ, as applicable. The only FFP requirement for this annex is meter reading as specified below.   | Distribution Systems equipment and components are efficiently, safely and continuously operated per specified operating criteria.     |
| 3.1.1                | Meter Reading | The Contractor shall read and record data from gas meters to facilitate proper utility billing.   | The Contractor shall accomplish readings for all gas meters listed in J-1606000-01.<br><br>The Contractor shall record readings for all utility meters by the first working day of each month. The Contractor shall provide this information in electronic report format, as shown in J-1602000-03, to the COR no later than the 5th day of each month.<br><br>The Contractor shall notify the Government of any physical meter deficiencies, e.g., broken glass, condensation, missing components. Meters shall be adjusted or recalibrated where necessary.<br><br>The Contractor shall perform meter re-readings as required at no additional cost. | All meters are read within the specified time.<br><br>Meter readings are accurate and submitted to the COR within the specified time. |

| <b>1603000 - Gas Utilities</b> |              |  |  |                             |
|--------------------------------|--------------|--|--|-----------------------------|
| <b>Spec Item</b>               | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                              | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>160400 - Wastewater</b> |                     |   |
|----------------------------|---------------------|---|
| <b>Spec Item</b>           | <b>Title</b>        | <b>Description</b>  |
| 1                          | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment to continuously operate, maintain, and repair the Wastewater Treatment Plant and Collection System located at Naval Support Activity Annapolis. |

| <b>1604000 - Wastewater</b> |  |   |
|-----------------------------|--|---|
| <b>Spec Item</b>            | <b>Title</b>   | <b>Description</b>  |
| 2                           | Management and Administration                            |   |
| 2.1                         | Definitions and Acronyms                                 |   |
| 2.1.1                       | ANSI   | American National Standards Institute   |
| 2.1.2                       | AWWA   | American Waterworks Association   |
| 2.1.3                       | GPD  | Gallons per Day   |
| 2.1.4                       | MDE  | Maryland Department of the Environment  |
| 2.1.5                       | MGD  | Million Gallons per Day   |
| 2.1.6                       | NPDES  | National Pollutant Discharge Elimination System   |
| 2.1.7                       | Preventive Maintenance (PM)                              | PM is the scheduled maintenance of equipment so it may be utilized for its designated purpose. PM includes inspection, cleaning, lubrication, adjustment, calibration, parts and component replacement (e.g. filters, belts, hoses, fluids, oil, grease, miscellaneous electronic parts and components, etc.) required to minimize failure, breakdown, and deterioration of equipment. PM also includes the identification of any repairs required to ensure proper operation and bring equipment to manufacturers operating standards. |
| 2.1.8                       | WWTP   | Waste Water Treatment Plant   |
| 2.2                         | Personnel  | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently operate, maintain and repair the Wastewater Treatment Plant and Collection System.   |
| 2.2.1                       | Certification, Training and Licensing                    | Specific certification and training requirements are addressed herein and in the applicable Spec Item 3 below.  |
| 2.2.1.1                     | Wastewater Treatment Plant Operator Certification        | In order to meet the requirements of the NPDES/MDE permit as mandated by EPA, the Contractor shall employ certified wastewater treatment plant operators who are experienced in similar plants and systems to perform the requirements of this functional section. Each Wastewater Treatment Plant Operator must possess a current and valid Class IV-A Operator's License from the State of Maryland. The WWTP Operator in Charge must possess a current and valid WWTP Superintendent Certificate.                                    |
| 2.2.1.2                     | Sludge and Wastewater Effluent Quality Analysis Training | All compliance testing shall be performed by an MDE approved/certified laboratory. The chemist and the laboratory analyst shall complete yearly training in order to keep the personnel updated with the latest local and Federal environmental regulations, public health concerns, laboratory procedures, and safety requirements.  |
| 2.3                         | Work Coordination  | The Contractor shall coordinate all maintenance and repair work and outages in a manner that minimizes the disruption of wastewater collection and treatment services to Naval Support Activity Annapolis.  |
| 2.4                         | Records and Reports                                      | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.  |

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| <b>1604000 - Wastewater</b> |              |  |   |  |
|-----------------------------|--------------|--|---|--|
| <b>Spec Item</b>            | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
| 3                           | FFP Work     | The Contractor shall efficiently operate and maintain the Wastewater Treatment Plant and Collection System to safely collect, treat and dispose of wastewater. | <p>The Wastewater Treatment Plant (WWTP) treats wastewater from throughout the North Severn Complex. The Contractor shall be responsible for operation, maintenance and repair work for the WWTP, lift stations, and the wastewater collection system.</p> <p>The WWTP Operations and Maintenance Manual is provided in J-1604000-01. Technical drawings for the WWTP and wastewater collection utility systems are provided J-1604000-02.</p> <p>An Industrial Wastewater Management Plan (IWMP) is in effect at NSA Annapolis. The complete IWMP is on file with the PWD Annapolis Environmental Division.</p> <p>The Contractor shall respond to emergency and urgent situations per the requirements for Service Calls specified in Annex 1502000. The Contractor shall immediately notify the COR of all emergency situations and again once the emergency situation is alleviated.</p> <p>The Contractor shall shut-down, restart, and perform operational checks on all equipment affected by both scheduled and unscheduled utility outages at no additional cost to the Government.</p> <p>The Contractor shall develop a list of critical spare parts and maintain such an inventory of critical spare parts required to keep the entire system in continuous service to meet collection demand and treatment requirements.</p> | <p>Wastewater is continuously and safely collected, treated and disposed.</p> <p>Effluent complies with the regulatory discharge permit.</p> |
| 3.1                         | Operation    | The Contractor shall operate the Wastewater Treatment Plant and  | Operation consists of “watch-standing” or attendance type work by a sufficient staff of   | Plant and Systems equipment and components are efficiently, safely   |

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| <b>1604000 - Wastewater</b> |              |   |   |   |
|-----------------------------|--------------|---|---|---|
| <b>Spec Item</b>            | <b>Title</b> | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                             |              | <p>Collection System to efficiently and safely collect, treat and dispose of wastewater such that the effluent complies with the regulatory discharge permit.</p> | <p>qualified persons during a specified time period to collect, treat and dispose of the measurable quantities and quality of effluent to ensure safe, reliable, efficient collection, treatment and disposal of wastewater.</p> <p>Operation of WWTP and Collection System includes equipment and system components, such as, sewage holding tanks, lift stations, pumps, screens, oil/water separators, filters, chemical treatment, valves and automatic controls, and tasks, such as, monitoring and regulation of equipment controls, inspecting equipment condition, performing operator maintenance, sludge removal and maintenance of sludge beds, performing and recording all laboratory testing and process control testing required by the NPDES/MDE permit, and maintaining operating records, logs, and reports.</p> <p>Plant and Systems components shall be efficiently and safely operated to meet the requirements of the National Pollutant Discharge Elimination System (NPDES)/State of Maryland Department of the Environment (MDE) permit. The WWTP O&amp;M Manual and Standard Operating Procedures shall be used by the Contractor as well as other source reference documents to ensure optimum operation of the WWTP.</p> <p>The Contractor shall be responsible for compliance with all requirements of the NPDES/MDE permit. If any violations of the permit are detected, the Contractor shall immediately contact the KO and PWD Environmental Division and take necessary remedial action. In the event that a regulatory agency assesses a monetary fine against the</p> | <p>and continuously operated per specified operating criteria.</p> <p>Effluent complies with the regulatory discharge permit.</p> |

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| <b>1604000 - Wastewater</b> |                             |  |   |  |
|-----------------------------|-----------------------------|--|---|--|
| <b>Spec Item</b>            | <b>Title</b>                | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                             |                             |  | <p>Government for violation caused by the Contractor's negligence, the Contractor shall reimburse the Government for the amount of the fine.</p> <p>Safe operation shall ensure that all Wastewater Treatment Plant equipment requiring operator attendance are staffed by qualified personnel. The KO shall be notified immediately if unsafe conditions are discovered.</p> <p>The WWTP is a trickling filter tertiary plant and has an average volume of wastewater processed of 140,000 GPD average daily flow based on 2005 – 2007 data.</p>   |  |
| 3.1.1                       | Wastewater Effluent Quality | The Contractor shall produce treated wastewater effluent that complies with the regulatory discharge permit. | <p>Wastewater effluent quality shall meet all Federal, state and local authorities' regulations, certifications and requirements. Wastewater effluent quality shall comply with discharge chemical parameters specified in the NPDES/MDE permit.</p> <p>The current NPDES/MDE discharge limits as defined in the permit are provided in J-1604000-03. Additional sampling and testing requirements are listed in J-1604000-04. Non-routine or unscheduled sampling requirements may be ordered by service call or IDIQ.</p> <p>The Contractor shall be responsible for performing all operational sampling, testing, and recording results in logs and preparing reports for submittal to regulatory agencies via the PWD Annapolis Environmental Division. Sampling and testing are required for the raw influent, process control, final effluent, and the sludge. Copies of all testing records and associated correspondence shall be</p> | <p>Sampling and testing is performed and documented as specified.</p> <p>Laboratory analyses confirm that wastewater effluent complies with the regulatory discharge permit.</p> |

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| <b>1604000 - Wastewater</b> |              |                              |   |                             |
|-----------------------------|--------------|------------------------------|---|-----------------------------|
| <b>Spec Item</b>            | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>  | <b>Performance Standard</b> |
|                             |              |                              | <p>maintained on file and made available for Government review upon request.</p> <p>All sampling, testing, and analysis shall be accomplished in accordance with the NPDES/MDE permit conditions and as described in 40 CFR 136, "Guidelines Establishing Test Procedures for the Analysis of Pollutants."</p> <p>In the event of any violation of any of the NPDES/MDE permitted parameters (including the discharge of any pollutant not identified in the permit, or of any pollutant identified in the permit at a level in excess of that authorized), the Contractor shall take necessary operational action within 10 minutes regular working hours and within 30 minutes after regular working hours and advise the KO verbally within 15 minutes of the Contractor's identification of the permit non-compliance. The Contractor shall follow-up with written notice submitted to the KO within 24 hours.</p> <p>The written notice shall include the following:</p> <ul style="list-style-type: none"> <li>a) Description of the non-complying discharge including its impact upon the receiving waters;</li> <li>b) Cause of non-compliance;</li> <li>c) Duration of the period of non-compliance and the anticipated time the condition of non-compliance is expected to continue;</li> <li>d) Steps taken to reduce and eliminate the non-complying discharge;</li> <li>e) Description of the accelerated or additional monitoring to determine the nature and impact of the non-complying discharge;</li> <li>f) Results of the monitoring described in (e) above.</li> </ul> |                             |

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| <b>1604000 - Wastewater</b> |   |   |  |   |
|-----------------------------|---|---|--|---|
| <b>Spec Item</b>            | <b>Title</b>                                    | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
| 3.1.2                       | Minimum Operator Attendance                     | The Contractor shall provide wastewater treatment plant operators and support personnel in sufficient quantities of staffing to ensure efficient and safe operation of equipment.   | <p>The Contractor shall provide qualified staffing to operate the WWTP daily from 0730 – 1530 daily, including weekends and holidays.</p> <p>The Contractor shall monitor WWTP as necessary during all hours of operation to maintain proper operating parameters and prevent any violations of permit conditions.</p>   | <p>Water treatment operators have proper qualifications and training.</p> <p>Water treatment operators meet minimum specified attendance requirements.</p>            |
| 3.1.3                       | Operating Records, Logs, Reports and Procedures | <p>The Contractor shall prepare, submit and maintain operating records, logs and reports for in-process tracking of plant output characteristics.</p> <p>The Contractor shall develop and update operating procedures to reflect current operating processes and Plant and Systems configuration.</p> | <p>The Contractor shall be responsible for keeping accurate operating logs. A sample operator checklist and sample daily operations log is provided in J-1604000-05.</p> <p>The Contractor shall submit a monthly discharge monitoring report and monthly operating record to the KO by the 18<sup>th</sup> of the following month. An example of each report is shown in J-1604000-06.</p> <p>The Contractor shall complete two sludge analysis samples each year. The Contractor shall prepare and submit sludge analysis reports and a sludge generator report in the format shown in J-1604000-07. The sludge analysis reports shall be submitted to the KO by January 15<sup>th</sup> and July 15<sup>th</sup> and the sludge generator report shall be submitted to the KO by January 15<sup>th</sup>.</p> <p>The Contractor shall provide an electronic update daily (7 days per week) by 0700 hours to the COR concerning the operating status of all utility plants and key equipment within. An example format is shown in J-1601000-04. The Contractor shall comment on equipment that is not operational or in need of major repair, as well as the status of any equipment returned to normal operating condition. Each day's report shall include accurate and up-to-date information.</p> | All required operating records, logs, reports and procedures are maintained current and complete and applicable copies provided to the KO within the specified times. |

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| <b>1604000 - Wastewater</b> |   |   |   |   |
|-----------------------------|---|---|---|---|
| <b>Spec Item</b>            | <b>Title</b>                                    | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                             |   |   | The Contractor shall prepare, update, and post in clear view for operators, written Standard Operating Procedures within 30 days after contract start and five days after making changes to any Plant operating procedure, equipment and components.  |   |
| 3.2                         | Maintenance                                     | The Contractor shall maintain the Wastewater Treatment Plant and Collection System at their current conditions to meet their intended purpose and sustain maximum life. | Maintenance shall include operator maintenance for the WWTP and lift stations, routine disposal of dewatered sludge, and development and implementation of a Preventive Maintenance program.  | Maintenance tasks are scheduled and performed on the Wastewater Treatment Plant and Collection System per the Contractor's program and work schedule.             |
| 3.2.1                       | Wastewater Treatment Plant Operator Maintenance | The Contractor shall perform routine operator maintenance at the WWTP to ensure proper operation, to minimize breakdowns, and to maximize useful life.                  | Operator maintenance for the WWTP includes, but is not limited to, cleaning filtering devices (bar screens, grates, etc.); inspection for excessive wear, damage, leaks and corrosion; checks of equipment for excessive noise, vibration and overheating; checking of fluid levels; operator corrosion control; check for proper operation of instrumentation and safety devices; and reporting of mechanical deficiencies for correction or repair.<br><br>The Contractor shall report any deficiencies requiring repairs to the service desk, using a field service order via the CMMS, or by telephone if urgent or emergent. | Operator maintenance is accomplished per the WWTP O&M manual and Contractor's SOPs.<br><br>Deficiencies and notification of repair work is submitted as specified |
| 3.2.2                       | Lift Station Operator Maintenance               | The Contractor shall perform routine operator maintenance on lift stations to ensure proper operation, to minimize breakdowns, and to maximize useful life.             | The Contractor shall perform weekly operator maintenance for each of the three lift stations within the WWTP. Operator maintenance includes cleaning, inspecting, and checking all lift station equipment to ensure continuous operation in accordance with manufacturer's specifications.<br><br>Lift station equipment includes, but is not limited to, motors, pumps, float switches and alarms, access doors, bar screens, ladders, lights, switches, circuit breakers, ventilation equipment, piping and   | Operator maintenance is accomplished per the WWTP O&M manual and Contractor's SOPs.   |

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| <b>1604000 - Wastewater</b> |                                     |   |  |   |
|-----------------------------|-------------------------------------|---|--|---|
| <b>Spec Item</b>            | <b>Title</b>                        | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                             |                                     |   | valves. The Contractor shall implement and maintain an Operator’s Inspection Log for each Lift station.  |   |
| 3.2.3                       | Disposal of Dewatered Sludge        | The Contractor shall remove and dispose of dewatered sludge at an approved disposal site to ensure compliance with State and Federal laws and regulations   | <p>The Contractor shall routinely collect and transport sewage sludge to a properly classified and regulatory approved disposal site.</p> <p>The Contractor shall comply with all existing State and Federal laws and regulations that apply to sewage sludge including, but not limited to: 40 CFR 503 “Standards for the use or disposal of sewage sludge.”</p> <p><b>Informational Notes. Sludge drying beds are typically scraped and redressed at a frequency of 5-6 beds per year. Dried sludge is hauled for disposal when 100-150 tons is stored in the covered shed. This typically occurs once every 14 to 16 months.</b></p>  | <p>Sludge is properly disposed of at approved locations.</p> <p>Sludge disposal complies with specified laws and regulations.</p>                         |
| 3.2.4                       | Preventive Maintenance (PM) Program | The Contractor shall develop and implement a PM program for the Wastewater Treatment Plant and Collection System to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The Contractor shall submit a PM program to the KO to validate completeness. The PM program shall be developed based on an economical approach, manufacturers’ recommended procedures, OEM standards, and maintenance required to satisfy equipment warranties.</p> <p>A summary of PM Job Plans is provided in J-1502000-04. These PM Job Plans represent the minimum requirements for PM. The Contractor is encouraged to recommend additions and deletions to the checklists to improve the program. In addition, the Contractor shall provide recommendations for the PM of replacement parts and equipment if different from the item replaced.</p> <p>The PM program shall include all equipment and components of the Wastewater Treatment Plant</p> | <p>The Contractor’s PM program is submitted within 30 days following award.</p> <p>PM is accomplished per the Contractor's program and work schedule.</p> |

Comment [u8]: Amd0001

| <b>1604000 - Wastewater</b> |              |                                 |  |                             |
|-----------------------------|--------------|---------------------------------|--|-----------------------------|
| <b>Spec Item</b>            | <b>Title</b> | <b>Performance Objective</b>    | <b>Related Information</b>   | <b>Performance Standard</b> |
|                             |              |                                 | <p>and Collection System, such as, gravity sewers, forced mains, sewage holding tanks, lift stations, pumps, screens, oil/water separators, filters, chemical treatment, valves, automatic controls, plant and collection system piping, manholes, and septic tanks.</p> <p>The Contractor shall perform any repairs identified during performance of PM requiring less than one labor hour and \$100.00 in material costs, per piece of equipment. Notification of repair work exceeding the PM limit shall be submitted to the KO within two working days of identification. Service calls or IDIQ work may be issued for repairs exceeding the PM limit.</p> <p>Excessive or repeated system or equipment breakdowns or deficiencies may indicate the need to adjust or modify the Contractor's PM program. These changes will be made at no additional cost to the Government.</p> <p>The Contractor shall schedule and issue PMs through the CMMS. PMs shall be closed out with appropriate data records into CMMS within two days of completion. The Contractor shall submit a monthly PM schedule to the COR by the 25<sup>th</sup> of each month.</p> <p>The Contractor shall maintain records of PM performed including the date performed, labor hours, materials used, and explanation of any equipment problems found. All records shall be provided to the Government for review upon request and turned over upon completion or termination of the contract.</p> |                             |
| 3.2.4.1                     | Wastewater   | The Contractor shall perform PM | The current WWTP Operations and Maintenance  | PM is accomplished per the  |

Amendment 0005

| <b>160400 - Wastewater</b> |                                       |  |  |  |
|----------------------------|---------------------------------------|--|--|--|
| <b>Spec Item</b>           | <b>Title</b>                          | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                            | Treatment Plant and Collection System | for the Wastewater Treatment Plant and Collection System and associated equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>Manual, including a system description and inventory is provided in J-1604000-01.</p> <p>PM shall be performed per AWWA and ANSI Standards, OMSI, and equipment manufacturer's recommendations and commercially accepted practices.</p> | <p>Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

| <b>1604000 - Wastewater</b> |              |  |  |                             |
|-----------------------------|--------------|--|--|-----------------------------|
| <b>Spec Item</b>            | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                           | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1605000 - Steam</b> |                     |   |
|------------------------|---------------------|---|
| <b>Spec Item</b>       | <b>Title</b>        | <b>Description</b>  |
| 1                      | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment to continuously operate, maintain, and repair the Steam and Hot Water Generation Plant, Steam and Hot Water Distribution Systems, and Condensate Return System located at Naval Support Activity Annapolis. |

| <b>1605000 - Steam</b> |                               |   |
|------------------------|-------------------------------|---|
| <b>Spec Item</b>       | <b>Title</b>                  | <b>Description</b>  |
| 2                      | Management and Administration |   |
| 2.1                    | Definitions and Acronyms      |   |
| 2.1.1                  | AGA                           | American Gas Association  |
| 2.1.2                  | ANSI                          | American National Standards Institute   |
| 2.1.3                  | ASHRAE                        | American Society of Heating, Refrigerating and Air-Conditioning Engineers   |
| 2.1.4                  | CHP                           | Central Heating Plant. A plant that exports a heated medium and/or electricity to more than one user.   |
| 2.1.5                  | Heating Boiler                | A boiler operated at pressures not exceeding 15 pounds per square inch gage (psig) for steam, or at pressures not exceeding 160 psig and temperatures not exceeding 250 degrees Fahrenheit for water.   |
| 2.1.6                  | Heating Plant                 | Any plant producing steam, hot water, or other medium for the purpose of space or process heating.  |
| 2.1.7                  | High Pressure Power Boiler    | A power boiler operated at pressures exceeding 300 psig for steam or hot water or at temperatures exceeding 400 degrees Fahrenheit for hot water.   |
| 2.1.8                  | HTHW                          | High Temperature Hot Water  |
| 2.1.9                  | MBTU(H)                       | A measurement of steam equivalent to 1,000 British Thermal Units per Hour.  |
| 2.1.10                 | Power Boiler                  | A boiler operated at a pressure of greater than 15 pounds per square inch gage (psig), but not exceeding 300 psig for steam, or pressure greater than 160 psig and a temperature of greater than 250 degrees Fahrenheit for hot water.  |
| 2.1.11                 | Preventive Maintenance (PM)   | PM is the scheduled maintenance of equipment so it may be utilized for its designated purpose. PM includes inspection, cleaning, lubrication, adjustment, calibration, parts and component replacement (e.g. filters, belts, hoses, fluids, oil, grease, miscellaneous electronic parts and components, etc.) required to minimize failure, breakdown, and deterioration of equipment. PM also includes the identification of any repairs required to ensure proper operation and bring equipment to manufacturers operating standards. |
| 2.3                    | Personnel                     | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently operate, maintain and repair the Steam and Hot Water Generation Plant, Steam and Hot Water Distribution Systems, and Condensate Return System.   |
| 2.3.1                  | Certification and Training    | Steam and Hot Water Generation Plant Operators shall comply with ASME and EPA certification guidance exhibiting knowledge and skills of high pressure boilers, high pressure turbines, and principles of steam production. Heating and Power Boiler operators shall be qualified as having minimum training, certification, and experience specified in Section 3170 of NAVFACINST 11300.37 and applicable state or local certification as required.  |
| 2.3.1.1                | First Class Engineer License  | Certification required for all Contractor employees who perform duties as Central Heating Plant Operators or who are responsible for attendance visits for remote operating boilers. Operators must maintain a license (through examination) from the State of Maryland.  |

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| <b>1605000 - Steam</b> |  |   |
|------------------------|--|---|
| <b>Spec Item</b>       | <b>Title</b>                               | <b>Description</b>  |
| 2.3.1.2                | EPA Low Nitrogen Oxide (NOx) Certification | Certification required for all Contractor employees who perform duties as Central Heating Plant operators. Information on this certification is available at <a href="http://www.epa.gov/ttn/catc/dir1/fnoxdoc.pdf">http://www.epa.gov/ttn/catc/dir1/fnoxdoc.pdf</a> . Operators shall attend training programs on NOx reduction procedures that are sponsored by the MDE, US EPA or equipment vendors (or in-house training course that is approved by the MDE) at least once every 3 years. |
| 2.3.1.3                | Visible Emissions Training                 | All Contractor employees responsible for performing visible emissions tests shall attend EPA Method 9 Opacity Training for Visible Emissions which are acceptable to the Maryland Department of the Environment (MDE), US EPA or equipment vendors at least once every 3 years and obtain the visible emissions certification once every 6 months.  |
| 2.4                    | Government Furnished Fuels                 | The Government will provide fuels associated with central heating plant operation at no cost.   |
| 2.5                    | Work Coordination                          | The Contractor shall coordinate all maintenance and repair work and outages in a manner that minimizes the disruption of HTHW, domestic hot water and steam services. Outage requests shall be submitted when necessary as specified in Annex 2.  |
| 2.6                    | Records and Reports                        | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.  |

| <b>1605000 – Steam</b> |              |   |  |  |
|------------------------|--------------|---|--|--|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>  |
| 3                      | FFP Work     | The Contractor shall efficiently operate and maintain the Steam and Hot Water Generation Plants, Steam and Hot Water Distribution Systems, and Condensate Return System to safely produce and distribute quality, reliable steam and hot water, such that all steam and hot water heating requirements are continually met. | <p>The current Steam and Hot Water Generation Plant, Steam and Hot Water Distribution Systems, and Condensate Return System Description and Inventory is provided in J-1605000-01. Technical drawings for the Steam and Hot Water Generation Plant and Distribution systems are provided J-1606000-02.</p> <p>The USNA Central Heating Plant (CHP) provides HTHW. The Contractor shall operate the HTHW generators and all non-fired and fired pressure vessels within designated operating parameters for temperature and pressure.</p> <p>The Contractor shall respond to emergency and urgent situations per the requirements for Service Calls specified in Annex 1502000. The Contractor shall immediately notify the COR of all emergency situations and again once the emergency situation is alleviated.</p> <p>The Contractor shall shut-down, restart, and perform operational checks on all equipment affected by both scheduled and unscheduled utility outages at no additional cost to the Government.</p> <p>The Contractor shall develop a list of critical spare parts and maintain such an inventory of critical spare parts required to keep the entire system in continuous service to meet steam and hot water demand requirements.</p> | Steam and hot water are continuously and safely produced and distributed and meet minimum quality standards and demand requirements.                                 |
| 3.1                    | Operation    | The Contractor shall operate the Steam and Hot Water Generation Plant, Steam and Hot Water Distribution System, and Condensate Return System to   | Operation consists of “watch-standing” or attendance type work by a sufficient staff of qualified persons during a specified time period to ensure safe, reliable, efficient generation and distribution of steam and hot water.   | Plant and Systems equipment and components are efficiently, safely and continuously operated per specified operating criteria to produce quality steam and hot water |

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| <b>1605000 – Steam</b> |              |   |  |                             |
|------------------------|--------------|---|--|-----------------------------|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b> |
|                        |              | efficiently and safely produce quality steam and hot water to meet all steam and hot water heating requirements, 24 hours per day, seven days per week, throughout the contract period. | <p>Operation of the Steam and Hot Water Generation Plant, Steam and Hot Water Distribution Systems, and Condensate Return System includes equipment and system components, such as, plant boilers, heat recovery steam generators (HRSGs), heat exchangers, monitoring and controls systems, meters, steam traps, pumps, valves, and distribution lines, and includes tasks, such as, monitoring and regulation of equipment controls, maintaining operating records, logs, and reports, and examination, lubrication and minor adjustment of equipment and system components.</p> <p>Plant and systems equipment and components shall be efficiently and safely operated per NAVFACINST 11300.37. Central Heating Plant and HTHW distribution operations comply with ANSI and ASHRAE Standards, OMSI and other specific operating manuals, procedures, and instructions.</p> <p>Safe operation shall ensure that all Heating and Power Boilers and equipment requiring operator attendance are staffed by qualified personnel at all times of operation, and that, no plant boilers requiring certification shall be operated without a valid Inspection Certificate, NAVFAC Form 11014/32. The KO shall be notified immediately when unsafe conditions are discovered, following repair of a pressure component, and, after any major modification to boilers, control equipment or auxiliaries. The affected equipment shall not be placed back in operation until written authorization is received from a Government certified boiler inspector.</p> <p>Where multiple Heating and Power Boilers exist,</p> | to meet demand.             |

Amendment 0005

| <b>1605000 – Steam</b> |  |  |  |  |
|------------------------|--|--|--|--|
| <b>Spec Item</b>       | <b>Title</b>   | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                        |  |  | the Contractor shall rotate their operation to assure that each boiler is fully functional at all times.   |  |
| 3.1.1                  | Steam Quality  | The Contractor shall produce and distribute steam that meets minimum pressure, temperature and purity requirements specified to satisfy demand.  | The Contractor shall continuously maintain the operating parameters defined within J-1605000-03 and NAVFACINST 11300.37.   | Steam meets the minimum specified pressures, temperature and purity requirements throughout the Plant and Distribution System. |
| 3.1.2                  | Plant Boiler Combustion Limits and Efficiencies      | The Contractor shall efficiently operate plant boilers to continuously meet or exceed minimum specified combustion limits and efficiencies.  | The Contractor shall perform emissions testing and combustion analysis detailed in J-1605000-04. Operators performing this testing shall meet the training and qualification requirements listed in J-1605000-04.<br><br>Combustion limits, efficiency ratings and flue gas constituents shall be determined, checked, and measured per Section 3140 of NAVFACINST 11300.37.   | Established combustion limits and combustion efficiencies for plant boilers are continuously met or exceeded.                  |
| 3.1.3                  | Heating and Power Boiler Minimum Operator Attendance | The Contractor shall provide boiler operators in sufficient quantities of staffing per shift to efficiently and safely operate Heating and Power Boilers at all times of operation, 24 hours per day, seven days per week, throughout the contract period. | The Contractor shall provide on-site operators 365 days per year, 24 hours per day at the Central Heating Plant building 579<br><br>Attendance visits for operating remote boiler(s) shall be of sufficient duration to observe a complete operational cycle and perform operator checks.<br><br>The Contractor shall check and monitor the status of systems in all mechanical rooms at least once every 8 hours, 365 days a year. The Contractor shall complete the Roving Patrol Log, as shown in J-1605000-05, and maintain copies on file for review by the KO upon request. The Contractor shall immediately report any equipment operating issues to the COR. | Heating and Power Boiler operators meet minimum attendance requirements specified in Section 3150 of NAVFACINST 11300.37.      |
| 3.1.4                  | Boiler Water Testing and Treatment                   | The Contractor shall provide and implement a Boiler Water Testing and Treatment Program to ensure  | The Contractor shall develop and submit, to the KO for approval within 30 days following contract award, a Boiler Water Testing and Treatment  | Boiler water is sampled and tested in accordance with the Contractor's incorporated Boiler Water Testing                       |

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| <b>1605000 – Steam</b> |                   |  |  |  |
|------------------------|-------------------|--|--|--|
| <b>Spec Item</b>       | <b>Title</b>      | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                        | Program           | optimum equipment operation and efficiency.  | <p>Program to include collection of samples, testing and treatment of boiler water.</p> <p>The Contractor shall maintain a boiler water treatment program within tolerances set forth in manufacturers' standards and warranty agreements. Boiler water chemical levels shall be within the ranges specified in J-1605000-06 and Section 3120 of NAVFACINST 11300.37.</p> <p>Boiler testing schedules shall include operations and maintenance of softeners, de-alkalizers, ion exchange, de-aerators, and boiler blow-down equipment. Water treatment shall include sampling and testing of process water, softened water, de-alkalized water and condensates from all boilers.</p> <p>The Contractor shall dispose of empty and unused boiler water treatment chemical containers at the USNA CHRIMP facility. The Contractor shall record and retain the results from the boiler water tests for the duration of this contract.</p> | <p>and Treatment Program.</p> <p>Laboratory analyses confirm that boiler water meets the specified chemical residual limits.</p>     |
| 3.1.5                  | Fuel Supply Tanks | The Contractor shall monitor fuels supply tank level and receive fuel to ensure continuous heating source is available to the Central Heating Plant. | <p>The Contractor shall notify the COR when either of the two CHP fuel supply tanks falls to the one-half level. The COR will order fuel and notify the Contractor of scheduled deliveries.</p> <p>The Contractor shall receive the fuel and maintain an operator at the fueling station during the entire fueling operation to inspect for and respond to possible spills or leaks. All fuel deliveries and management of fuel systems shall be per the USNA Spill Prevention Control and Countermeasures Plan. In the event fuel is spilled, the Contractor shall notify the USNA Fire Department at (410-293-3333) and shall take</p>   | <p>The COR is notified of need for ordering fuel as specified.</p> <p>No fuel spills due to Contractor negligence or misconduct.</p> |

Amendment 0005

| <b>1605000 – Steam</b> |   |   |   |   |
|------------------------|---|---|---|---|
| <b>Spec Item</b>       | <b>Title</b>                                    | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                        |   |   | <p>action in removal of fuel oil per NAVFACINST 11300.37.</p> <p>The Contractor shall log the amount of fuel received and provide copies of receipts to the KO within three working days.</p>   |   |
| 3.1.6                  | Operating Records, Logs, Reports and Procedures | <p>The Contractor shall prepare, submit and maintain operating records, logs and reports for in-process tracking of plant output characteristics.</p> <p>The Contractor shall develop and update operating procedures to reflect current operating processes and Plant and Systems configuration.</p> | <p>The Contractor shall provide an electronic update daily (7 days per week) by 0700 hours to the COR concerning the operating status of all utility plants and key equipment within. An example format is shown in J-1601000-04. The Contractor shall comment on equipment that is not operational or in need of major repair, as well as the status of any equipment returned to normal operating condition. Each day's report shall include accurate and up-to-date information</p> <p>The Contractor shall record accurate daily readings on the log sheets as shown in the sample provided in J-1606000-07.</p> <p>The Contractor shall prepare, update, and post in clear view for operators, written Standard Operating Procedures as specified in Sections 2303 and 3153 of NAVFACINST 11300.37, within 30 days after contract start and five days after making changes to any Plant operating procedure, equipment and components.</p> | All required operating records, logs, reports and procedures are maintained current and complete and applicable copies provided to the KO within the specified times. |
| 3.2                    | Preventive Maintenance (PM) Program             | The Contractor shall develop and implement a PM program for the Steam and Hot Water Generation Plant, Steam and Hot Water Distribution Systems, and Condensate Return System to ensure proper operation, to minimize breakdowns, and to maximize useful life.   | <p>The Contractor shall submit a PM program to the KO to validate completeness. The PM program shall be developed based on an economical approach, manufacturers' recommended procedures, OEM standards, and maintenance required to satisfy equipment warranties.</p> <p>A summary of PM Job Plans is provided in J-1502000-04. These PM Job Plans represent the</p>   | <p>The Contractor's PM program is submitted within 30 days following award.</p> <p>PM is accomplished per the Contractor's program and work schedule.</p>             |

Amendment 0005

| <b>1605000 – Steam</b> |              |                              |   |                             |
|------------------------|--------------|------------------------------|---|-----------------------------|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>  | <b>Performance Standard</b> |
|                        |              |                              | <p>minimum requirements for PM. The Contractor is encouraged to recommend additions and deletions to the checklists to improve the program. In addition, the Contractor shall provide recommendations for the PM of replacement parts and equipment if different from the item replaced.</p> <p>The PM Program shall include all equipment and components of the Steam and Hot Water Generation Plant, Steam and Hot Water Distribution Systems, and Condensate Return System, such as, heating and power boilers, HRSGs, monitoring and control systems, meters, heat exchangers, unfired pressure vessels (UPVs), pressure reducing stations, piping systems, pumps, valves, steam traps, supports, hangers and insulation.</p> <p>The Contractor shall perform any repairs identified during performance of PM requiring less than one hour labor and \$100.00 in material costs, per piece of equipment. Notification of repair work exceeding the PM limit shall be submitted to the KO within two working days of identification. Service calls or IDIQ work may be issued for repairs exceeding the PM limit.</p> <p>Excessive or repeated system or equipment breakdowns or deficiencies may indicate the need to adjust or modify the Contractor’s PM program. These changes will be made at no additional cost to the Government.</p> <p>The Contractor shall schedule and issue PMs through the CMMS. PMs shall be closed out with appropriate data records into CMMS within two days of completion. The Contractor shall submit a</p> |                             |

| 1605000 – Steam |  |  |  |   |
|-----------------|--|--|--|---|
| Spec Item       | Title  | Performance Objective  | Related Information  | Performance Standard  |
|                 |  |  | <p>monthly PM schedule to the COR by the 25<sup>th</sup> of each month.</p> <p>The Contractor shall maintain records of PM performed including the date performed, labor hours, materials used, and explanation of any equipment problems found. All records shall be provided to the Government for review upon request and turned over upon completion or termination of the contract.</p>   |   |
| 3.2.1           | Central Heating Plant and HTHW and Steam Distribution System | The Contractor shall perform PM for the Central Heating Plant and HTHW and steam distribution system and associated equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The description and inventory of the CHP and HTHW and steam distribution system is provided in J-1605000-01.</p> <p>PM shall be performed per NAVFACINST 11300.37, ANSI Standards, OMSI, and equipment manufacturer's recommendations and commercially accepted practices. All work shall meet the workmanship and material requirements of NAVFAC MO-209, ASME codes, and the IPC.</p>   | <p>PM is accomplished per the Contractor's program and work schedule.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |
| 3.2.2           | Boiler, HRSG, and UPV Certification                          | The Contractor shall clean, prepare, and operate all system Heating and Power Boilers, HRSGs and UPVs necessary to support certification.  | <p>The boiler, HRSG, and UPV inventory <del>and date of last certification</del> is provided in J-1605000-01. <b>The date of last certification for CHP boilers, HRSGs, and UPVs is listed in J-1502000-07.</b></p> <p>The Contractor shall annually, open, clean, and reassemble fired and unfired pressure vessels, ensure all safety devices are operating correctly per the American Society of Mechanical Engineering (ASME) mandates, NAVFAC 9-11014/32, and the National Board of Boiler and Pressure Vessel Inspectors Code, and UFC 3-430-07, Operations and Maintenance: Inspection and Certification of Boilers and Unfired Pressure Vessels.</p> | <p>Boiler, HRSG, and UPV inspection, testing, and certification is completed when due.</p> <p>Notification of repair work necessary to maintain certification is reported to the Government within two working days of identification.</p>                              |

Comment [u9]: Amd0002

| <b>1605000 – Steam</b> |              |                              |   |                                     |
|------------------------|--------------|------------------------------|---|-------------------------------------|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>  | <b>Performance Standard</b>         |
|                        |              |                              | <p>Boiler inspection safety certificates shall be void immediately on the discovery of a safety deficiency regardless of the expiration date on the certificate. The certificate will again be valid only after the deficiency has been corrected by the Contractor and the boiler has been re-certified.</p> <p>The Contractor shall perform all required hydrostatic testing, internal, external inspections and operational testing as required for certification in the presence of the Government Certified Boiler Inspector. The Contractor shall provide a 30 calendar day advance notification to the KO when boilers and UPVs will be ready for testing and certification for coordination with the Government provided inspector.</p> <p>A current and valid certificate, or authorized commercial equivalent, must be posted on, or near, the equipment, under a clear protective covering as specified in Chapter 9 of UFC 3-430-07, Operations and Maintenance: Inspection and Certification of Boilers and Unfired Pressure Vessels.</p> <p>Repairs identified during preparation for and conduct of inspection, testing, and certification shall be accomplished as a service call or IDIQ work, as applicable.</p> <p>Maintenance and repair shall comply with Section I through VIII of the National Board of Pressure Vessel Codes. Personnel who work on pressure vessels shall be certified as specified under Spec Item 2.3.1.</p> |                                     |
| 3.2.3                  | Seasonal     | The Contractor shall perform | The Contractor shall perform start-up and   | Seasonal start-up and shutdown work |

| <b>1605000 – Steam</b> |              |  |  |  |
|------------------------|--------------|--|--|--|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                        | Changeover   | seasonal start-up and shutdown to ensure the Steam and Hot Water Generation Plant and Distribution Systems are prepared and activated at the start of each season and deactivated and preserved at the end of each season. | <p>shutdown of those boilers identified in J-1605000-01.</p> <p>The boilers listed are normally shutdown during the months of April or May, and started up during the months of October or November; however, the length of the season will vary and no adjustment in the contract price will be made regardless of the actual length of the season. The KO will advise the Contractor of the specific date or dates when such services should begin to be accomplished. Seasonal start-up and shutdown shall be performed per USNAINST 4100.3 and as specified in the related PM Job Plans and SJOs.</p> <p>Prior to each seasonal changeover, the Contractor shall perform a complete system line-up to verify proper operation of heating systems and components as specified in the related SJOs. This line-up and verification shall be completed by 10 October. The Contractor shall coordinate scheduling of this effort with the COR to minimize impact on HVAC for facilities.</p> <p>The Contractor shall prepare written Standard Operating Procedures for seasonal start-up and shutdown of boilers and heating systems within 30 days after contract start and update SOPs after any changes are made to systems, equipment and components.</p> | <p>must be completed within five working days of the specified start date.</p> <p>Repairs within the PM limit are accomplished prior to PM completion.</p> <p>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.</p> |

| <b>1605000 - Steam</b> |              |  |  |                             |
|------------------------|--------------|--|--|-----------------------------|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                      | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1606000 - Water</b> |                     |  |
|------------------------|---------------------|--|
| <b>Spec Item</b>       | <b>Title</b>        | <b>Description</b>   |
| 1                      | General Information | The Contractor shall provide all labor, management, supervision, tools, material, and equipment to continuously operate, maintain, and repair the Raw Water Supply, Water Treatment Plant and Distribution System located at Naval Support Activity Annapolis. |

| <b>1606000 - Water</b> |  |   |
|------------------------|--|---|
| <b>Spec Item</b>       | <b>Title</b>                                 | <b>Description</b>  |
| 2                      | Management and Administration                |   |
| 2.1                    | Definitions and Acronyms                     |   |
| 2.1.1                  | ANSI   | American National Standards Institute   |
| 2.1.2                  | AWWA   | American Waterworks Association   |
| 2.1.3                  | GPD  | Gallons Per Day   |
| 2.1.4                  | MGD  | Million Gallons per Day   |
| 2.1.5                  | NFPA   | National Fire Protection Association  |
| 2.1.6                  | NPDWR  | National Primary Drinking Water Regulations   |
| 2.1.7                  | NSDWR  | National Secondary Drinking Water Regulations   |
| 2.1.8                  | Preventive Maintenance (PM)                  | PM consists primarily of inspection, testing, cleaning, lubrication, adjustment, calibration, and minor part and component replacement (such as filters, batteries, belts, hoses, fluids, oil and grease) as required to verify proper system operation; minimize malfunction, breakdown, and deterioration of systems and equipment; and maximize useful life. |
| 2.1.9                  | WTP  | Water Treatment Plant   |
| 2.2                    | Personnel                                    | The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently operate, maintain and repair the Raw Water Supply, Water Treatment Plant and Distribution System.  |
| 2.2.1                  | Certification, Training and Licensing        | Specific certification and training requirements are addressed herein and in the applicable Spec Item 3 below.  |
| 2.2.1.1                | Water Treatment Plant Operator Certification | The Contractor shall employ certified water treatment plant operators who are experienced in similar plants and systems to perform the requirements of this functional section. Each Water Treatment Plant Operator must possess a current and valid Class 4 Water Treatment license from the State of Maryland.  |
| 2.2.1.2                | Water Quality Analysis Training              | The chemist and the laboratory analyst shall complete yearly training in order to keep the personnel updated with the latest local and Federal environmental regulations, public health concerns, laboratory procedures, and safety requirements.   |
| 2.3                    | Work Coordination                            | The Contractor shall coordinate all maintenance and repair work and outages in a manner that minimizes the disruption of potable water services. Outage requests shall be submitted when necessary as specified in Annex 2.   |
| 2.4                    | Records and Reports                          | Records and reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.  |

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| <b>1606000 - Water</b> |              |  |  |  |
|------------------------|--------------|--|--|--|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
| 3                      | FFP Work     | The Contractor shall efficiently operate and maintain the Raw Water Supply, Water Treatment Plant and Distribution System to safely produce, treat and distribute quality, reliable potable water such that all potable water demand requirements are continually met. | <p>The Contractor shall be responsible for operation of the Water Treatment Plant (WTP) and associated water distribution systems throughout Naval Support Activity Annapolis.</p> <p>The current Raw Water Supply, Water Treatment Plant and Distribution System Description and Inventory is provided in J-1606000-01. Technical drawings for the water treatment and distribution utility systems are provided J-1606000-02.</p> <p>The Contractor shall respond to emergency and urgent situations per the requirements for Service Calls specified in Annex 1502000. The Contractor shall immediately notify the COR of all emergency situations and again once the emergency situation is alleviated.</p> <p>The Contractor shall shut-down, restart, and perform operational checks on all equipment affected by both scheduled and unscheduled utility outages at no additional cost to the Government.</p> <p>The Contractor shall develop a list of critical spare parts and maintain such an inventory of critical spare parts required to keep the entire system in continuous service to meet collection demand and treatment requirements.</p> | Potable water is continuously and safely produced and distributed and meets minimum quality standards and demand requirements.   |
| 3.1                    | Operation    | The Contractor shall operate the Raw Water Supply, Water Treatment Plant and Distribution System to efficiently and safely produce and distribute quality potable water to meet all potable water requirements, 24 hours per day, seven days per week,                 | <p>Operation consists of “watch-standing” or attendance type work by a sufficient staff of qualified persons during a specified time period to ensure safe, reliable, efficient production and distribution of potable water.</p> <p>Operation of Raw Water Supply, Water Treatment Plant and Distribution System includes equipment</p>   | Supply, Plant and Systems equipment and components are efficiently, safely and continuously operated per specified operating criteria to produce and distribute potable water to meet demand and minimum storage requirements. |

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| <b>1606000 - Water</b> |              |                                 |   |                             |
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| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b>    | <b>Related Information</b>  | <b>Performance Standard</b> |
|                        |              | throughout the contract period. | <p>and system components, such as, reservoirs, wells, water storage tanks, pumps, filters, chemical treatment, valves and automatic controls, and includes tasks, such as, monitoring and regulation of equipment controls, maintaining operating records, logs, and reports, and examination, lubrication and minor adjustment of equipment and system components.</p> <p>Plant and systems equipment and components shall be efficiently and safely operated per ANSI and AWWA Standards, OMSI and other specific water treatment plant operating manuals.</p> <p>Safe operation shall ensure that all Water Treatment Plant equipment requiring operator attendance are staffed by qualified personnel at all times of operation. The KO shall be notified immediately if unsafe conditions are discovered.</p> <p>The Contractor shall be responsible for compliance with all MDE and EPA standards for WTP operation. If any non-compliant discharges are detected, the Contractor shall immediately contact the KO and PWD Environmental Division and take necessary remedial action. In the event that a regulatory agency assesses a monetary fine against the Government for violation caused by the Contractor's negligence, the Contractor shall reimburse the Government for the amount of the fine.</p> <p>The volume of potable water produced shall meet demand and minimum storage capacity and pressure requirements as specified below. The Contractor shall operate the plant to maintain water production at a minimum of 800 gallons per</p> |                             |

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| <b>1606000 - Water</b> |                                |   |   |   |
|------------------------|--------------------------------|---|---|---|
| <b>Spec Item</b>       | <b>Title</b>                   | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|                        |                                |   | <p>minute when in operation. The Contractor shall produce treated water free of taste and odor, which meets the State of Maryland and Federal EPA minimum water quality standards.</p> <p>The average potable water consumption is 920,000 gallons per day.</p>   |   |
| 3.1.1                  | Water Storage and Distribution | The Contractor shall operate the water storage and distribution systems to ensure a sufficient reserve of water is maintained and water is supplied at adequate pressure. | <p>The Contractor shall operate the water storage and distribution systems to maintain minimum pressure of 55 psi at the base of the elevated water storage tank at the WTP</p> <p>The Contractor shall maintain a minimum of 600,000 gallons in the elevated water storage tank and a water height of 20 feet in both ground level storage tanks unless otherwise authorized by the KO. The Contractor shall operate the WTP so that in the event of an emergency drawdown to the system's minimum storage limit, storage volumes can be replaced at a rate up to 2,000 gallons per minute.</p> <p>The Contractor shall operate the water storage and distribution system for the North Severn Complex in conjunction with the water service supplied from the Anne Arundel County Department of Public Works. The Contractor shall maintain a minimum of 270,000 gallons in the elevated tank. The North Severn system includes a fire protection system for Greenbury Point and includes a concrete tank and pump system. The Contractor shall maintain a sufficient volume in the tank to ensure adequate fire protection for Greenbury Point.</p> <p>The COR shall be promptly notified in the event that water storage levels fall below or are projected</p> | <p>Minimum capacities of water are maintained in storage tanks as specified.</p> <p>Water is supplied at specified pressures.</p> |

| <b>1606000 - Water</b> |                             |  |   |  |
|------------------------|-----------------------------|--|---|--|
| <b>Spec Item</b>       | <b>Title</b>                | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                        |                             |  | <p>to fall below the minimum levels specified.</p> <p>The Contractor shall monitor water flow and take appropriate action to minimize leaks and losses from the systems in the event of water line breakage.</p>  |  |
| 3.1.2                  | Water Quality               | The Contractor shall produce and distribute potable water that meets minimum specified water quality standards and complies with the regulatory operating permit.  | <p>Water quality shall meet all Federal, state and local authorities regulations, certifications and requirements.</p> <p>Water quality shall be per the Safe Water Drinking Act, Maryland Department of Health and Waterworks regulations, NPDWR, 40 CFR Part 143 (NSDWR), and AWWA, as applicable.</p> <p>Minimum quantities and frequencies of on-site sampling and laboratory analyses of potable water shall be performed per Maryland Department of the Environment standards as listed in J-1606000-03. Non-routine or unscheduled sampling requirements may be ordered by service call or IDIQ.</p> <p>If water chemistry is confirmed, through laboratory analyses, not to be in compliance with quality standards, the Contractor shall immediately notify the KO and adjust the water chemistry within two days to meet all regulatory requirements.</p> | <p>Sampling and testing is performed and documented as specified.</p> <p>Laboratory analyses confirm that potable water quality complies with the specified regulations.</p> |
| 3.1.3                  | Minimum Operator Attendance | The Contractor shall provide water treatment plant operators and support personnel in sufficient quantities of staffing per shift to efficiently and safely operate equipment at all times of operation, 24 hours per day, seven days per week, throughout | The Contractor shall provide on-site operators 365 days per year, 24 hours per day at the water treatment plant.  | <p>Water treatment operators have proper qualifications and training.</p> <p>Water treatment operators meet minimum specified attendance requirements.</p>                   |

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| <b>1606000 - Water</b> |   |   |  |   |
|------------------------|---|---|--|---|
| <b>Spec Item</b>       | <b>Title</b>                                    | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                        |   | the contract period.  |  |   |
| 3.1.4                  | Operating Records, Logs, Reports and Procedures | <p>The Contractor shall prepare, submit and maintain operating records, logs and reports for in-process tracking of plant output characteristics.</p> <p>The Contractor shall prepare and update operating procedures to reflect current operating processes and Plant and Systems configuration.</p> | <p>The Contractor shall enter daily updates on the Water Treatment Plant Operating Record, shown in J-1606000-04. The Contractor shall submit a monthly Operating Records Report to the KO within five working days following the end of the month during which work is performed.</p> <p>Historical plant operating records including water quantity, influent and effluent water quality, and material consumption are provided in J-1606000-05.</p> <p>The Contractor shall provide an electronic update daily (7 days per week) by 0700 hours to the COR concerning the operating status of all utility plants and key equipment within. An example format is shown in J-1601000-04. The Contractor shall comment on equipment that is not operational or in need of major repair, as well as the status of any equipment returned to normal operating condition. Each day's report shall include accurate and up-to-date information.</p> <p>The Contractor shall prepare, update, and post in clear view for operators, written Standard Operating Procedures within 30 days after contract start and five days after making changes to any Plant operating procedure, equipment and components.</p> | All required operating records, logs, reports and procedures are maintained current and complete and applicable copies provided to the KO within the specified times. |
| 3.1.5                  | Meter Reading                                   | The Contractor shall read and record data from potable water meters to facilitate proper utility billing.   | <p>The Contractor shall accomplish readings for all potable water meters listed in J-1606000-01.</p> <p>The Contractor shall record readings for all utility meters by the first working day of each month. The Contractor shall provide this information in electronic report format, as shown in J-1602000-</p>  | <p>All meters are read within the specified time.</p> <p>Meter readings are accurate and submitted to the COR within the specified time.</p>                          |

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| <b>1606000 - Water</b> |                                     |  |  |   |
|------------------------|-------------------------------------|--|--|---|
| <b>Spec Item</b>       | <b>Title</b>                        | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
|                        |                                     |  | <p>03, to the COR no later than the 5<sup>th</sup> day of each month.</p> <p>The Contractor shall notify the Government of any physical meter deficiencies, e.g., broken glass, condensation, missing components. Meters shall be adjusted or recalibrated where necessary.</p> <p>The Contractor shall perform meter re-readings as required at no additional cost.</p>   |   |
| 3.2                    | Preventive Maintenance (PM) Program | The Contractor shall develop and implement a PM program for the Raw Water Supply, Water Treatment Plant and Distribution System to ensure proper operation, to minimize breakdowns, and to maximize useful life. | <p>The Contractor shall submit a PM program to the KO to validate completeness. The PM program shall be developed based on an economical approach, manufacturers' recommended procedures, OEM standards, and maintenance required to satisfy equipment warranties.</p> <p>A summary of PM Job Plans is provided in J-1502000-04. These PM Job Plans represent the minimum requirements for PM. The Contractor is encouraged to recommend additions and deletions to the checklists to improve the program. In addition, the Contractor shall provide recommendations for the PM of replacement parts and equipment if different from the item replaced.</p> <p>The PM program shall include all equipment and components of the Raw Water Supply, Water Treatment Plant and Collection System, such as, reservoirs, wells, water storage tanks, pumps, filters, chemical treatment, valves and automatic controls, and supply, plant and distribution system piping. The systems and equipment, including associated inventories, that shall be included in the PM program are addressed in the PM Spec Items below.</p> | <p>The Contractor's PM program is submitted within 30 days following award.</p> <p>PM is accomplished per the Contractor's program and work schedule.</p> |

| <b>1606000 - Water</b> |                       |  |  |  |
|------------------------|-----------------------|--|--|--|
| <b>Spec Item</b>       | <b>Title</b>          | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
|                        |                       |  | <p>PM shall be performed per AWWA, ANSI and NFPA Standards, OMSI, equipment manufacturer's recommendations, and commercially accepted practices.</p> <p>The Contractor shall perform any repairs identified during performance of PM requiring less than one labor hour and \$100.00 in material costs, per piece of equipment. Notification of repair work exceeding the PM limit shall be submitted to the KO within two working days of identification. Service calls or IDIQ work may be issued for repairs exceeding the PM limit.</p> <p>Excessive or repeated system or equipment breakdowns or deficiencies may indicate the need to adjust or modify the Contractor's PM program. These changes will be made at no additional cost to the Government.</p> <p>The Contractor shall schedule and issue PMs through the CMMS. PMs shall be closed out with appropriate data records into CMMS within two days of completion. The Contractor shall submit a monthly PM schedule to the COR by the 25<sup>th</sup> of each month.</p> <p>The Contractor shall maintain records of PM performed including the date performed, labor hours, materials used, and explanation of any equipment problems found. All records shall be provided to the Government for review upon request and turned over upon completion or termination of the contract.</p> |  |
| 3.2.1                  | Water Treatment Plant | The Contractor shall perform PM for the Water Treatment Plant and associated equipment | The description and inventory of the WTP and associated equipment is provided in J-1606000-01.   | PM is accomplished per the Contractor's program and work schedule. |

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| <b>1606000 - Water</b> |  |   |   |  |
|------------------------|--|---|---|--|
| <b>Spec Item</b>       | <b>Title</b>                           | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>  |
|                        |  | to ensure proper operation, to minimize breakdowns, and to maximize useful life.  | The Contractor shall maintain and repair WTP production systems. The Contractor shall monitor, adjust, repair, or replace WTP controls, which include, but are not limited to, tanks, piping systems, and control valves. All work shall meet the workmanship and material requirements of NAVFAC MO-209, ASME codes, and the IPC.  | Repairs within the PM limit are accomplished prior to PM completion.<br><br>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit.   |
| 3.2.2                  | Water Storage and Distribution Systems | The Contractor shall perform PM for water storage and distribution systems and equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life. | The description and inventory of the water storage and distribution systems and associated equipment is provided in J-1606000-01.<br><br>The Contractor shall maintain and repair water storage tanks and water distribution systems. All work shall meet the workmanship and material requirements of NAVFAC MO-209, ASME codes, and the IPC.  | PM is accomplished per the Contractor's program and work schedule.<br><br>Repairs within the PM limit are accomplished prior to PM completion.<br><br>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit. |
| 3.2.3                  | Cathodic Protection Systems            | The Contractor shall perform PM on cathodic protection systems to ensure proper operation, to minimize breakdowns, and to maximize useful life.                           | The cathodic protection inventory is provided in J-1606000-01.<br><br>The Contractor's PM program shall adhere to established guidelines in the UFC 3-570-06, Operation and Maintenance: Cathodic Protection Systems and shall comply with all OEM requirements and standards.<br><br>Cathodic protection systems shall be maintained in safe, operating condition per NAVFAC MO-307, VR 680-13-02, the NEC, the IBC standards, the Safe Water Drinking Act, Maryland Department of Health and Waterworks regulations and all Federal, State, and local regulations governing the production and distribution of potable water. | PM is accomplished per the Contractor's program and work schedule.<br><br>Repairs within the PM limit are accomplished prior to PM completion.<br><br>Notification of repair work exceeding the PM limit is submitted to the KO within the specified time limit. |

| <b>1606000 - Water</b> |              |  |  |                             |
|------------------------|--------------|--|--|-----------------------------|
| <b>Spec Item</b>       | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b> |
| 4                      | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |

| <b>1700000 – Base Support Vehicles and Equipment</b> |                     |   |
|--|---------------------|---|
| <b>Spec Item</b>                                     | <b>Title</b>        | <b>Description</b>  |
| 1  | General Information | The Contractor shall manage, operate, maintain, alter, and repair base support vehicles and equipment (BSVE) located at Naval Support Activity Annapolis. |

| <b>170000 – Base Support Vehicles and Equipment</b> |  |  |
|---|--|--|
| <b>Spec Item</b>                                    | <b>Title</b>                               | <b>Description</b>   |
| 2   | Management and Administration              |  |
| 2.1   | Definitions and Acronyms                   |  |
| 2.1.1   | Alpha Code                                 | The letter assigned to specify BSVE by type or class. NAVFAC P-300, p. H-25, Figure H-16 provides a description of BSVE alpha codes A through Z, as applicable to Navy transportation functions.   |
| 2.1.2   | Automotive Vehicles                        | Includes trailers and all self-propelled motor vehicles designed for highway or cross-country operations. Specifically included are buses, sedans, trucks, carryalls, station wagons, ambulances, refuelers, defuelers, truck trailers, brush, structural, aircraft firefighting, and rescue operation trucks.   |
| 2.1.3   | BSVE Service Call                          | Repairs such as battery replacement, tire repair, wiper replacement, engine jump-starts, emergency refueling, and other minor repairs or service necessary to return vehicles and equipment to safe operation. Also includes towing into shop, field service, and installation/repair of specialized equipment.  |
| 2.1.4   | CDL  | Commercial Driver's License  |
| 2.1.5   | Civil Engineering Support Equipment (CESE) | A budget term used by the Government that refers to equipment under the responsibility of the Naval Facilities Engineering Command. CESE includes automotive vehicles, construction, and railway equipment.  |
| 2.1.6   | Construction Equipment                     | All mechanical equipment used in the construction, alteration, or repair of buildings, bridges, roads, or other kinds of real property. It includes pile drivers, power shovels, and cranes with special attachments, road rollers, tractors, scrapers, plows, and street sweepers.  |
| 2.1.7   | Dispatch Hour (DH) Unit Price              | The unit price offered by the Contractor to provide one hour of BSVE operation services. The unit price includes all direct and indirect costs associated with providing one qualified, properly licensed BSVE operator for 60 minutes. Dispatch time begins at the actual departure time of the BSVE from the dispatch area (to pick up load and passengers), and ends with the return of BSVE to the dispatch area. The unit price shall include the Contractor's hourly operator wage, costs for any projected overtime, subsistence (meals and lodging), and other operator-related costs; all costs for BSVE preparation, cleanup, and turn in; profit, field and home office overhead, clerical support, supervision, inspection, fees, taxes, licenses, permits, and insurance. In short, all costs associated with providing an hour of BSVE operation services. |
| 2.1.8   | Downtime                                   | The period of time during Government regular working hours that a unit of BSVE is removed from service for maintenance.  |
| 2.1.9   | Field Service                              | Maintenance/repair service for BSVE that, because of its design or immobility, cannot economically be delivered to the maintenance facility.   |
| 2.1.10  | Flat Rate Hour (FRH) Unit Price            | The unit price offered by the Contractor to provide one flat rate hour of work-in-place. This unit price includes the Contractor's hourly mechanic wage adjusted to allow for the offeror's workforce productivity, and all costs for profit, tools, equipment, field and home office overhead, clerical support, supervision, inspection, fees, taxes, licenses, permits, and insurance. In short, all costs associated with providing a specific flat rate hour of effort.   |
| 2.1.11  | GVW  | Gross Vehicle Weight   |

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| <b>1700000 – Base Support Vehicles and Equipment</b> |  |  |
|--|--|--|
| <b>Spec Item</b>                                     | <b>Title</b>                                 | <b>Description</b>   |
| 2.1.12   | I-CAR  | <u>Inter-Industry Conference on Auto Collision Repair</u> standards. More information may be found online at <a href="http://www.i-car.com">http://www.i-car.com</a> .   |
| 2.1.13   | Installation/Repair of Specialized Equipment | Alteration of BSVE (as delivered to the activity) to fulfill a special requirement, and any maintenance/repair required to keep such equipment operational. Examples include, but are not limited to, installation and repair of light bars for security vehicles, installation and repair of bins inside an emergency/service vehicle, fabrication, and permanent installation of special materials to support a load.  |
| 2.1.14   | Material Handling Equipment (MHE)            | Self-propelled and conveyor equipment used in storage and materials handling operations in and around warehouses, shipyards, industrial plants, airfields, magazines, depots, docks, terminals, and on-board ships. Included are warehouse tractors, forklift trucks, rough terrain forklift trucks, platform trucks, pallet trucks, conveyors and conveyor systems, and straddle carrying trucks.   |
| 2.1.15   | SRO  | Shop Repair Order  |
| 2.1.16   | Transient Equipment                          | CESE belonging to another Government activity visiting the installation on official business or operating in the vicinity of the installation and experiencing equipment problems requiring assistance, e.g., refueling at CESE fueling facility or towing service.  |
| 2.1.17   | U-Drive Trips                                | Similar to renting a commercial vehicle, refers to allowing Government personnel to check-out BSVE for short-term use.   |
| 2.1.18   | USN Number                                   | A Navy transportation number used to identify Navy-owned BSVE.   |
| 2.1.19   | Weight Handling Equipment (WHE)              | Includes mobile or transportable truck, crawler, and railway mounted locomotive cranes normally used for lifting, moving, and placing heavy material or equipment. For purposes of this annex, WHE does not include portal, gantry, jib, and other facility type cranes.   |
| 2.2  | General Maintenance and Repair Requirements  |  |
| 2.2.1  | Established Priorities                       | The Contractor shall give priority to maintenance and repair of fire and emergency vehicles above all other Government vehicles. Additionally, the Government may request the Contractor to work on specific BSVE on a priority basis, when necessary to meet urgent requirements of the user.   |
| 2.2.2  | Allowable Downtime Standards                 | The Contractor shall manage the overall maintenance effort so BSVE downtime does not exceed the allowable downtime standards specified below. For the purpose of computing downtime, regular working hours is defined as 0730 - 1600, Monday through Friday, except observed Federal holidays.   |
| 2.2.2.1  | Downtime Computation                         | Downtime for BSVE shall commence immediately when reported down or received in the shop during regular working hours. Downtime will terminate when a unit is returned to service. Any time period that BSVE is returned to the Contractor for rework shall be included in the downtime computation. Any time period BSVE is under the control of the Government shall not be included in the downtime computation. When computing downtime, fractions of hours shall be rounded to the nearest hour (less than 30 minutes = 0, 30 minutes or more = one hour). |
| 2.2.2.2  | Allowable Downtime                           | Downtime hours per individual alpha group shall not exceed 10% of the total available hours per individual alpha group per month (invoice period). If the Government elects to have work performed by other than the Contractor, any downtime associated with such performance will not be included in the downtime computation.   |

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| <b>170000 – Base Support Vehicles and Equipment</b> |  |  |
|---|--|--|
| <b>Spec Item</b>                                    | <b>Title</b>                                 | <b>Description</b>   |
| 2.2.2.3   | Temporary Suspensions                        | When the Contractor experiences a delay in material receipt that will cause the individual unit downtime of a particular unit to exceed the allowable, the Contractor may request a temporary suspension of downtime accumulation for that unit from the KO. Written requests shall include a copy of a purchase order showing the material order date and expected delivery date, and information demonstrating the lack of required material is beyond the Contractor's control. Downtime suspensions will not be approved if the material in question should have been stocked in adequate quantities to meet expected demand, was not ordered to allow for adequate vendor lead times, or if the shipping method used to transport the material causes/contributes to the delay. If granted, suspension of downtime accumulation will only cover the period from the date/time the Contractor's written request was provided to the KO to the date/time the material is received. The Contractor shall notify the KO immediately upon receipt of the material, and provide written documentation showing date and time of receipt. |
| 2.2.3   | Excessive Repairs                            | The one-time repair limits set forth in Appendix F of NAVFAC P-300 do not apply. The Contractor shall perform all repairs, regardless of the cost of the repair or age of the BSVE. Any BSVE that exceeds NAVFAC P-300 life expectancies shall be maintained as if it were in its last year of life expectancy. For example, an eight-year old BSVE Code (EC) 0313 pickup truck shall receive the same level of maintenance as a six-year old pickup truck.  |
| 2.2.4   | Shop Repair Orders (SROs)                    | The Contractor shall prepare SROs per NAVFAC P-300 for all work performed. The Contractor shall maintain commercial SROs for any work covered by warranties and recalls.   |
| 2.3   | Fleet Size                                   | Fleet size shall be based upon the actual quantity of equipment in the fleet at a given time, and is not a cumulative total of the equipment maintained throughout the contract. The number of BSVE may vary as much as 10% without a contract modification. Contractor acquired equipment provided to offset non-availability when the Contractor exceeds maximum allowable downtime standards shall not be considered additions to the fleet. Each item of equipment pending removal from the fleet, and its designated replacement, shall be counted as a single unit for inventory purposes while the replacement unit is prepared for service (e.g., corrosion protection, equipment installation, marking, and record establishment). Repairs to keep equipment safe and reliable while pending disposition shall be required.   |
| 2.4   | BSVE Operators                               | BSVE operators shall comply with all Federal, state, and local laws and regulations.   |
| 2.5   | Key Management                               | The Contractor shall be accountable for all keys for BSVE listed in J-1700000-01. The Contractor shall maintain 2 sets of keys for all BSVE. The Contractor shall provide replacement keys if required at no additional cost to the Government.  |
| 2.6   | Transportation Management Information System | The Contractor shall utilize a Government provided Transportation Management Information System (MIS) to manage BSVE operations as described in this Annex. Access to the Transportation MIS and initial training for BSVE personnel will be provided by the Government. When access to Transportation MIS is dependent on LAN or internet connectivity, the Government cannot guarantee speed of connection or availability of service.<br><br>The Contractor shall document all BSVE utilization, maintenance, repair, and inspections in MIS. All records shall be maintained for the duration of the Contract period.  |
| 2.7   | IDIQ Preparation of Proposals                | The Contractor shall prepare and submit a proposal in accordance with the requirements identified in Annex 2.  |

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| <b>170000 – Base Support Vehicles and Equipment</b> |                     |   |
|---|---------------------|---|
| <b>Spec Item</b>                                    | <b>Title</b>        | <b>Description</b>  |
| 2.7.1   | Labor Requirements  | Chilton Labor Guide, Mitchell Mechanical Parts/Labor Estimating Guide, or similar estimating sources shall be used for determining the number of flat rate hours required to complete the scope of work. Total labor cost will be determined by totaling the number of flat rate hours and then multiplying by the flat rate hour unit price.   |
| 2.8   | Records and Reports | <p>The Contractor shall maintain CESE and MHE records in accordance with NAVFAC P-300 and NAVFAC P-307. Such records include the following:</p> <ul style="list-style-type: none"> <li>a. Individual vehicle/equipment history jackets</li> <li>b. DD Form 1342, DoD Property Record (Government-furnished equipment)</li> <li>c. Accident damage repair estimates</li> <li>d. Vehicle repair status</li> <li>e. Annual safety and reliability inspection checklists</li> </ul> <p>Reports are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.</p> |

| <b>1700000 – Base Support Vehicles and Equipment</b> |                    |  |  |  |
|--|--------------------|--|--|--|
| <b>Spec Item</b>                                     | <b>Title</b>       | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>  |
| 3  | FFP Work           | The Contractor shall perform operations, support services, and maintenance of BSVE.  | <p>The inventory of BSVE is listed in J-1700000-01. Historical data is provided in J-1700000-02.</p> <p>BSVE work will consist of operations, dispatching, maintenance, and other transportation support.</p> <p>All BSVE services shall be conducted per NAVFAC P-300.</p>  | <p>Appropriate equipment and qualified operators are provided within the designated time.</p> <p>Reports are accurate, on time, and complete.</p> <p>BSVE are safe and reliable per NAVFAC P-300 and available as specified.</p>   |
| 3.1  | Operations         | The Contractor shall operate BSVE to ensure supplies and personnel are transported and requested services are performed.   | <p>The Contractor shall provide BSVE services as detailed below. For all of these services, the Contractor shall provide qualified operators and appropriate vehicles to meet requirements.</p> <p>The Contractor shall respond to emergent requirements if directed by the KO, within thirty minutes of requests during normal working hours and within 2 hours of requests after normal working hours.</p> <p>Historical data for BSVE Operations is listed in J-1700000-02.</p> | Operation functions are performed with the proper equipment and within designated time in a safe and efficient manner.   |
| 3.1.1  | Tow Truck Services | The Contractor shall provide tow truck services when dispatched to ensure towing requests are responded to in a timely manner and vehicles are safely transported. | <p>The Contractor shall respond to requests to move vehicles from unauthorized parking areas.</p> <p>A majority of this work requires the Contractor to begin towing vehicles at a certain date and time immediately prior to special events or other requirements to clear a parking area. The Contractor shall begin towing operations by the time designated on the request.</p> <p>The Contractor shall also respond to day-to-</p>  | <p>Appropriate equipment and qualified operators are provided within thirty minutes of requests during normal working hours and within 2 hours of requests after normal working hours or by the requested scheduled time.</p> <p>Vehicles are moved from designated areas as specified.</p> <p>No damage to vehicles due to Contractor negligence.</p> |

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| <b>Spec Item</b>                                    | <b>Title</b>          | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>   |
|   |                       |  | <p>day requests from the KO or the USNA Command Duty Officer (CDO) for emergent towing service requests.</p> <p>Historical data for Special Event service calls is included in J-1502000-03.</p>  |   |
| 3.1.2   | Crane Services        | The Contractor shall provide Crane services when dispatched to accomplish specified lift requirements.     | <p>Operators shall comply with the following standards as applicable:</p> <p>(1) NAVFAC P-300<br/>                     (2) NAVFAC P-307<br/>                     (3) 29 CFR Part 1910<br/>                     (4) OPNAVINST 5100.23</p> <p>The Contractor shall provide mobile cranes and qualified operators to meet the specified requirement. Crane services will normally be scheduled for an 8 hour day.</p> <p>Routine notice for crane requirements will be provided at least three calendar days in advance. Unscheduled, emergent requirements for cranes shall be filled to the maximum extent possible, as may be limited by the availability of rental cranes.</p> | <p>Appropriate equipment and qualified operators and support personnel are provided by the requested time.</p> <p>Services are completed in accordance with applicable statutes and publications.</p> |
| 3.1.3   | Fuel Delivery Service | The Contractor shall provide fuel delivery service to ensure fuel is readily available at specified sites. | <p>The Contractor shall provide fuel delivery service for diesel oil and heating fuel to various sites located throughout NSA Annapolis. The Contractor shall service fixed tanks and portable boilers and portable generators as necessary.</p> <p>Deliveries shall be accomplished per the Contractor generated schedule.</p> <p>The Contractor shall record the amount of fuel supplied for each stop. The Government will furnish all fuels. The tank truck shall be filled at the truck stand</p>  | <p>Services are provided per Contractor's schedule.</p> <p>Tanks are topped off when fueled, and safety procedures are followed.</p> <p>There are no lapses in fuel availability.</p>                 |

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| <b>Spec Item</b>                                     | <b>Title</b>                   | <b>Performance Objective</b>   | <b>Related Information</b>   | <b>Performance Standard</b>   |
|  |                                |  | <p>behind the Central Heating Plant. The Contractor shall comply with the USNA Spill Prevention, Control, and Countermeasures (SPCC) Plan.</p> <p>Historical fuel stops and associated refueling frequency are listed in J-1700000-03.</p>   |   |
| 3.1.4  | Shuttle and School Bus Service | The Contractor shall provide drivers for shuttles and school buses to ensure passengers are picked up and dropped off at designated locations, and transported in an appropriate, safe, and timely manner. | <p><b>The Contractor shall provide drivers for shuttle and school buses to meet requests for one-way, round trip and continuous shuttle services.</b></p> <p>All drivers shall be qualified and properly licensed for the vehicles operated.</p> <p>Routine notice for bus driver requirements will be provided at least three calendar days in advance. Pick-up and drop-off locations and scheduled times will be provided with the request for services.</p> <p>The FFP workload shall include 600 hours of driver services. All bus driver requests under the FFP requirement will be performed as day trips within the local area. Long distance or overnight requirements will be negotiated as IDIQ work.</p> | <p>Properly licensed drivers are provided by the requested time.</p> <p>Shuttle and school buses are operated to meet the requested departure times for designated pick-up and drop-off locations.</p> <p>No damage to equipment or injury to personnel due to Contractor negligence.</p> |
| 3.2  | Support Services               | The Contractor shall provide BSVE support services to ensure that the service requirements are met.  | Historical data for BSVE Support Services is listed in J-1700000-02.   | Support services are performed in an efficient, accurate, and timely manner.  |
| 3.2.1  | Dispatching Service            | The Contractor shall provide dispatching service for BSVE to ensure vehicles are provided to meet customer requests.   | The Contractor shall provide “U-Drive” operations, where USNA customers may check out a vehicle from the C-Pool for short-term use. Dispatching of C-Pool vehicles is normally performed during regular Government working hours;  | <p>Dispatch service is provided <b>as specified during specified hours of operation.</b></p> <p>BSVE are available to meet requests.</p> <p>BSVE are assigned in compliance with</p>  |

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| <b>Spec Item</b>                                    | <b>Title</b> | <b>Performance Objective</b> | <b>Related Information</b>   | <b>Performance Standard</b> |
|   |              |                              | <p>however, the Contractor shall provide services after hours or on weekends in order to meet customer requests.</p> <p>A listing of vehicles within the C-Pool is provided in J-1700000-01. These vehicles may not be enough to satisfy all requirements; therefore, the Contractor shall be responsible for obtaining supplementary commercial vehicles to meet requirements. Historical data and additional requirements that are beyond the capabilities of C-Pool inventory are listed in J-1700000-02.</p> <p>BSVE dispatched shall be inspected by the operator in the presence of the dispatcher at both checkout and check-in, and all discrepancies noted on the inspection form (NAVFAC Form 9-11240/13). Dispatch trip tickets (DD Form 1970, Motor Equipment Utilization Record) shall be issued, and a dispatch log (NAVFAC Form 9-11240/2) shall be used to record all BSVE dispatched off station and for all Class C pool vehicles.</p> <p>BSVE shall be dispatched based on the priorities defined in J-1700000-04. Requests for C-Pool vehicles will normally be provided to the Contractor at least 3 calendar days in advance of the check-out date. Short notice requests shall be honored to the maximum extent possible, as may be limited by availability.</p> <p>The Contractor shall ensure all operators have proper Government driver's licenses for requested BSVE. All U-Drive vehicles</p> | activity instruction.       |

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| <b>Spec Item</b>                                    | <b>Title</b>        | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b>   |
|   |                     |  | <p>shall be clean and have a minimum 1/2 tank of gas at time of check out.</p> <p>The Contractor shall ensure dispatchers are cognizant of the Government's fuel conservation program, and trips are consolidated whenever possible. BSVE utilization shall be documented per NAVFAC P-300.</p>   |   |
| 3.2.2   | GSA Leased Vehicles | The Contractor shall coordinate and schedule required maintenance and repair, transport of vehicle to and from the service provider, and provide required reports. | <p>The Contractor shall be responsible for ensuring all maintenance of GSA vehicles within the C-pool, as listed in J-1700000-01, is completed as scheduled and repairs are performed when necessary.</p> <p>The Government will provide General Services Administration (GSA) credit cards for the purpose of fueling and providing maintenance for C-pool vehicles. The Voyager Credit Card website (<a href="http://www.voyagerfleet.com/">http://www.voyagerfleet.com/</a>) describes the program and card capabilities. The Contractor shall properly manage these credit cards.</p> <p>GSA leased vehicles shall be maintained per the GSA lease. This includes preventative maintenance, emergency service, and unscheduled repairs requirements and process. Maintenance and repair of GSA leased vehicles shall be properly documented per the lease requirement. Additional information can be found at <a href="http://www.GSA.gov">http://www.GSA.gov</a>.</p> <p>The Contractor shall ensure preventive maintenance is performed at the intervals specified by GSA Fleet MCCs and by</p> | Vehicles are picked up from the lessee and dropped off at an approved GSA service provider and returned to the lessee as scheduled. |

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|  |              |  | <p>approved service providers.</p> <p>The Contractor is responsible for the cost of unscheduled repairs to GSA vehicles that are due to the Contractor's fault or negligence.</p>   |  |
| 3.3  | Maintenance  | The Contractor shall maintain, repair and alter BSVE to keep in fully operational condition. | <p>The Contractor is responsible for scheduling and completing all maintenance and repair of USN-owned BSVE, as listed in J-1700000-01, including all associated costs</p> <p>The Contractor shall maintain BSVE per the NAVFAC P-300, DOD 4500.36, and applicable equipment manufacturers' specifications. All parts (new or rebuilt) and materials used in maintenance, repair, and overhaul of BSVE shall equal or exceed the quality of the original manufacturers' parts and material. No used parts shall be installed on BSVE unless first approved by the KO.</p> <p>The Contractor shall perform all repairs regardless of the repair cost or age of BSVE, unless the Contractor chooses to replace BSVE with an asset approved by the KO at no additional cost to the Government.</p> <p>BSVE not meeting the applicable state safety standards for motor vehicles shall be considered to be not available for service. The KO has the authority to place any piece of equipment in a down status at any time, for reasons of safety or essential maintenance.</p> <p>The Contractor shall maintain hard copy and electronic records with a chronological</p> | Maintenance and repair functions are performed in accordance with manufacturer specifications and recommendations. |

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| <b>1700000 – Base Support Vehicles and Equipment</b> |                                |   |   |   |
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| <b>Spec Item</b>                                     | <b>Title</b>                   | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|  |                                |   | <p>description of all maintenance and repair labor and material expended on Government-owned BSVE per NAVFAC P-300, paragraph. 4-1.8.12. The hard copy record shall be referred to as the vehicle history file. The vehicle history file shall be maintained for the life of the vehicle and shall transfer with the vehicle.</p> <p>Historical data for unscheduled repair history by BSVE type for both PM and unscheduled repairs is provided in J-1700000-02.</p>   |   |
| 3.3.1  | Maintenance (Government-Owned) | The Contractor shall maintain, repair and alter Government-Owned BSVE to keep in fully operational condition. | <p>The Contractor shall manage the overall maintenance effort so equipment downtime does not exceed the allowable downtime standards. In the event actual downtime exceeds the allowable downtime standards during any given month, the Contractor's invoice will be adjusted using the procedures provided in the DEDUCTIONS FOR EXCESSIVE DOWNTIME clause, Section E.</p> <p>The Contractor shall keep the customer informed as to the status of any BSVE turned-in for maintenance or repair. The Contractor shall provide customers an initial estimate of vehicle down time, including projected times for work start and completion. Additionally, the Contractor shall notify the customer of any change in status, which would preclude returning the BSVE to the customer at the estimated completion time, and when the work is complete.</p> | <p>Government-Owned BSVE maintenance and repair functions are performed in accordance with manufacturer specifications and recommendations.</p> <p>Contractor complies with specified downtime standards.</p> |
| 3.3.1.1  | Preventive Maintenance         | The Contractor shall perform preventive maintenance (PM)  | The Contractor shall establish a preventive maintenance schedule per manufacturers'   | All checkpoints correctly completed.  |

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| <b>Spec Item</b>                                    | <b>Title</b> | <b>Performance Objective</b>  | <b>Related Information</b>  | <b>Performance Standard</b>   |
|   | Inspections  | inspections, including safety and reliability inspections for automotive vehicles, on BSVE listed in J-1700000-01 per NAVFAC P-300. | <p>specifications and guidelines and the NAVFAC P-300 for all Government-owned BSVE. The Contractor shall perform inspections and maintenance actions per these guidelines and frequencies.</p> <p>The Contractor shall submit a PM schedule within 30 calendar days following award.</p> <p>The Contractor shall establish, maintain, and operate a vehicle PM notification system, as follows:</p> <ol style="list-style-type: none"> <li>1) The Contractor shall notify each customer of the date their assigned vehicle is due for PM seven working days prior to the PM due date. Upon notification of the scheduled PM, the customer may contact the Contractor to request a different vehicle turn-in date if the original date conflicts with urgent work requirements. If requested, the Contractor shall reschedule the vehicle turn-in date up to five working days before or after the scheduled PM date and complete the required PM inspection and maintenance requirements within the same timeframe.</li> <li>2) The Contractor shall remind the customer by telephone of the PM due date 24 hours prior to the scheduled due date.</li> <li>3) The Contractor shall perform PM on the date scheduled.</li> </ol> <p>The Contractor shall correct and document all deficiencies (including safety-related items) discovered during the PM before BSVE is placed in an available status. The</p> | <p>Safety and operational deficiencies found are corrected using accepted quality standards and manufacturer's recommendations.</p> <p>Work completed by date scheduled.</p> <p>SROs are accurate and complete.</p> |

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| <b>Spec Item</b>                                    | <b>Title</b> | <b>Performance Objective</b>  | <b>Related Information</b>   | <b>Performance Standard</b>   |
|   |              |   | <p>Contractor shall schedule and complete perform PM work in such a way as to minimize adverse impact on customers.</p> <p>The Contractor shall perform an annual safety inspections per the guidelines provided in Section C.1.6.7.4 and NAVFAC P-300, section 4-1.105. The Contractor shall correct all deficiencies identified during this inspection before BSVE is placed in an available status. Annual safety inspections shall be documented per NAVFAC P-300, which includes updating the vehicle history file.</p>   |   |
| 3.3.1.2   | BSVE Repair  | The Contractor shall perform body, fender, and mechanical repairs to ensure BSVE are safe, operational, and present a sightly appearance. | <p>The Contractor shall perform unscheduled repair work on USN-owned BSVE including repair of deficiencies noted during PM or safety inspections and those reported by the COR.</p> <p>Unscheduled repair work shall be performed based on the labor hours given in the most current edition of approved automotive industry estimating guides. Repair actions include, but are not limited to, engine tune-up; tire repair or replacement; component or subassembly replacement, such as batteries, brakes, belts, hoses, lights, exhaust system and coolant system; diagnostic troubleshooting; initial outfitting of specialty use vehicles; engine, transmission, and differential rebuilding or replacement; body repair and painting; machining; and welding.</p> <p>All repairs shall be performed in accordance with manufacturer maintenance service manuals and NAVFAC P-300, whichever is</p> | <p>BSVE are returned to safe and operable condition.</p> <p>SROs are accurate and complete.</p> |

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|   |                    |   | <p>more stringent.</p> <p>All body repairs shall be performed per applicable industry standards, including but not limited to, Inter-Industry Conference on Auto Collision Repair (I-CAR), NAVFAC P-300, and the Maryland Department of Highway Safety standards. The Contractor shall paint and mark all BSVE following body work per the NAVFAC P-300. If painting incidental to repairs exceeds 25 percent of the vehicle surface the entire vehicle shall be painted.</p> <p>The Contractor shall coordinate and schedule safety and other manufacturer’s recalls, and repair work on equipment covered by warranties per the provisions of NAVFAC P-300. The Contractor shall be responsible for ensuring all warranty repair work and manufacturer’s recall work is performed at no additional cost to the Government</p> |  |
| 3.3.1.3   | BSVE Service Calls | The Contractor shall accomplish service calls in the shop and/or in the field to return BSVE, including transient equipment, to safe and operational condition. | <p>The Contractor shall respond to disabled USN-owned BSVE listed in J-1700000-01.</p> <p>The Contractor shall provide field breakdown service 24 hours per day, 365 days per year. Field breakdown service is defined as responding to a field breakdown service call and repairing of BSVE to operable condition. It includes, but is not limited to, such repair actions as: jump-starting batteries, refueling, repairing/replacing flat tires, replacing wiper blades, and making temporary repairs to radiator and heater hoses.</p>  | <p>Disabled BSVE are responded to within the specified time.</p> <p>BSVE are returned to safe, operable condition.</p> |

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| Spec Item                                     | Title | Performance Objective | Related Information   | Performance Standard |
|   |       |                       | <p>The Contractor shall respond to field breakdown service calls within 30 minutes during normal working hours and within 2 hours after working hours for all calls within NSA Annapolis. For calls outside the installation (within a 30 mile radius of NSA Annapolis), the Contractor shall depart or make arrangements for response (non-local breakdowns) within 15 minutes of receipt of call during normal working hours and within 2 hours after normal working hours. Each customer requesting field service shall be provided with an estimated time of arrival of the service mechanic.</p> <p>BSVE shall be towed to a location where repairs can be performed, if the Contractor is unable to complete the repair in the field. BSVE shall not be left inoperative on the road for more than 2 hours. BSVE towed due to the Contractor's failure to respond shall be the Contractor's responsibility to reclaim, and associated expenses incurred shall be borne by the Contractor.</p> |                      |

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| <b>1700000 – Base Support Vehicles and Equipment</b> |              |  |   |                             |
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| <b>Spec Item</b>                                     | <b>Title</b> | <b>Performance Objective</b>   | <b>Related Information</b>  | <b>Performance Standard</b> |
| 4  | IDIQ Work    | IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order. | Refer to IDIQ ELINs for task listings, descriptions, and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance standards for IDIQ work will be the same as those in Spec Item 3 where applicable. |                             |