0100000 – General Information	
Spec Item	**Title**
1	General Information
1.1	Outline of Services
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1.3	Background Information
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Spec Item	**Title**	**Description**
1	General Information	
1.1	Outline of Services	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 Marine Corps Air Station (MCAS) Laurel Bay (LB), Laurel Bay Schools, Beaufort, SC, Townsend Bombing Range Shellman Bluff, Georgia and outlying areas supported by this installation by means of a performance-based contract that is comprised of both Recurring Work and Non-Recurring Work Items. 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. The annex numbers are identified as 1 through 18 in the description column, but the fully expanded annex numbers include seven digits (e.g., Annex 1 expanded number is 0100000 as shown in the header row at the top of this page) Annex 1 General Information 0100000 General Information Annex 2 Management and Administration 0200000 Management and Administration Annex 3 Command and Staff Annex 4 Public Safety Annex 5 Air Operations Annex 6 Port Operations Annex 7 Ordnance Annex 8 Range Operations Annex 9 Health Care Support Annex 10 Supply Annex 11 Personnel Support Annex 12 Morale, Welfare and Recreation Support Annex 13 Galley Annex 14 Housing Annex 15 Facilities Support 1502000 Facilities Investment 1503020 Pest Control Annex 16 Utilities 1602000 Electrical Annex 17 Base Support Vehicles and Equipment 1700000 BSVE Annex 18 Environmental
1.2	Acquisition of Additional Work	The Government reserves the right to acquire additional services at additional locations, within the scope of the annexes and areas included in Spec Item 1.1 Outline of Services, in addition to the services and locations identified in the requirements of this contract. Additional services will be incorporated into the contract in accordance with the CHANGES clause, SECTION I or ordered under the non-recurring work provisions of the contract. Items of work not covered by this contract but within the general intent are considered in the scope of this contract.
1.3	Background Information	Marine Corps Air Station (MCAS) Beaufort is a United States Marine Corps base located three miles (5 km) northwest of the central business district of Beaufort, a historic city in Beaufort County, South Carolina, in

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Spec Item	**Title**	**Description**
		the Southeast of the United States. MCAS Beaufort is home to Marine Aircraft Group 31 (MAG-31), one of the largest F/A 18 Aircraft Groups and recently fielded a squadron of F-35 Lightning, Joint Strike Fighters. MAG 31's reputation for tactical proficiency has earned the Air Station the title of 'Fightertown". MCAS Beaufort community includes approximately 6,000 Marines, Sailors, Civilian Employees, and family members. The Air Station covers over 6,900 acres within Beaufort County with an additional 22,000 plus acres at the Townsend Bombing Range in McIntosh County, Georgia. MCAS Beaufort is also responsible for the housing complex of Laurel Bay, just 3 miles (5 km) from the station, which provides family housing for area Marines, Sailors, and their families.
1.4	Navy PBSA Approach	The Navy's approach to performance-based service acquisition (PBSA) includes four component parts, which are 1) performance outcomes, 2) measurable standards, 3) consideration of incentives, and 4) performance assessment plan.
1.5	Standard Template	Key to implementing the PBSA approach is using a standard template that ensures Navy-wide consistency yet affords appropriate tailoring to meet local needs. The standard template contains 18 standard annexes. Annex 1 will always contain General Information that is relevant to the entire scope of the contract. Annex 2 contains Management and Administration requirements that are relevant to the entire scope of the contract. Annexes 3 through 18 and their associated sub-annexes contain the General Information, Management and Administration requirements, Performance Objectives, Related Information, and Performance Standards that are relevant to that technical annex. Except where otherwise stated, Annexes 3 through 18 and their associated sub-annex requirements are not relevant to one another. Within each technical annex and sub-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 Recurring Work requirements. Specification Item 4 will always contain the Non-Recurring Work requirements. Requirements and standards for higher level specification items apply to all subordinate specification items, e.g., Specification Item 3 standards apply to all recurring work specification items. Specification Item 3.1 is applicable to all 3.1 subordinate specification items. Specification Items 3.2 and 3.3 are not considered subordinate to 3.1 nor are they considered subordinate to one another. All costs associated with Annexes 1 and 2 and Specification Items 1 and 2 shall be priced, and their price shall be allocated to the Exhibit Line Items.
1.6	Related Information	There are four types of Related Information that can be found in the Description and Related Information columns of the specification as follows: 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 and their associated sub-annexes are subject to this disclaimer. Offeror's may not rely upon the "Informational Notes" as material representations of the

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Spec Item	**Title**	**Description**
		Government. Information provided in "Informational Notes" does not create a contractually binding requirement on either party. Clarifying Information describes client expectations in a more detailed manner than the Performance Objective and Performance standard alone. Constraining Information describes limitations to the work performed to meet the Performance Objective and Performance Standard. Requirement Information further describes client requirements associated with each Performance Objective.
1.7	Verification of Workload and Conditions	Throughout the PWS, the workload data is generally referred to as being located in Sections C and J. Section C provides data such as descriptions, specifications, and the statement of work. Section J provides data such as system descriptions, maps, floor plans, and tables to represent the type and location of services to be provided. All facilities, systems, and assets identified in this contract shall be accepted by the Contractor in "AS-IS" condition. The Contractor is fully responsible for all work up to and including the limits of liabilities specified. As prescribed in FAR 52.237-1, offerors' or quoters are urged and expected to inspect the site where services are to be performed and to satisfy themselves regarding all general and local conditions that may affect the cost of contract performance, to the extent that the information is reasonably obtainable. In no event shall failure to inspect the site constitute grounds for a claim after contract award.
1.8	Contractor's Knowledge	The Navy expects to 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.
1.9	Technical Proposal Certification	The Contractor warrants that its proposal incorporated herein by reference will meet or exceed the performance objectives set forth in this contract.

0200000 – Management and Administration	
Spec Item	**Title**
2	Management and Administration
2.1	Definitions and Acronyms
2.2	General Information
2.2.1	Government Regular Working Hours
2.2.1.1	Observed Federal Holidays
2.2.1.2	Restriction to Contractor Working Hours
2.2.2	Wage Determinations
2.2.3	Requirements Hierarchy
2.3	General Administrative Requirements
2.3.1	Required Conferences and Meetings
2.3.2	Training for Maintenance and Operation of New and Replacement Systems and Equipment
2.3.3	Partnering
2.3.3.1	Formal Partnering
2.3.3.2	Contract Partnering Administration
2.3.3.3	Contract Partnering Session Attendees
2.3.4	Permits and Licenses
2.3.4.1	Camera Permits
2.3.4.2	Gas Free Certifications
2.3.4.3	Hot Work Permits
2.3.5	Insurance
2.3.5.1	Certificate of Insurance
2.3.5.2	Minimum Insurance Amounts
2.3.6	Protection of Government Property
2.3.7	Directives, Instructions, and References
2.3.8	Invoicing Procedures
2.3.9	Forms
2.4	Government-Furnished Items
2.4.1	Government-Furnished Property (GFP)
2.4.2	Government-Furnished Facilities (GFF)
2.4.3	Government-Furnished Utilities (GFU)
2.4.4	Government-Furnished Equipment (GFE)
2.4.5	Government- Furnished Information Technology
2.5	Contractor-Furnished Items
2.5.1	Safety Data Sheets (SDS)
2.5.2	Copy Machine
2.5.3	Telephone
2.6	Management
2.6.1	Safeguarding Information
2.6.2	Dissemination of Information
2.6.3	Work Reception
2.6.4	Work Control
2.6.5	Work Schedule
2.6.6	Deliverables
2.6.7	Service Interruptions
2.6.8	Government’s Computerized Maintenance Management Systems (CMMS)
2.6.9	USMCMAX
2.6.9.1	USMCMAX Data
2.6.9.2	USMCMAX Method of Data Entry
2.6.9.3	USMCMAX Access
2.6.9.4	USMACMAX Training
2.6.10	Quality Management System (QMS)

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Spec Item	**Title**
2.6.10.1	Quality Management (QM) Plan
2.6.10.2	Quality Inspection and Surveillance
2.6.10.3	Quality Inspection and Surveillance Report
2.6.11	Property Management Plan
2.6.12	System and Equipment Replacement
2.7	Personnel Requirements
2.7.1	Key Personnel
2.7.1.1	Project Manager (PM)
2.7.1.2	Quality Manager
2.7.1.3	Site Safety and Health Officer (SSHO)
2.7.1.4	Environmental/Energy Manager
2.7.1.5	USMCmax Coordinator
2.7.1.6	Journeyman Locksmith
2.7.2	Employee Requirements
2.7.2.1	Employee Certification and Training
2.7.2.2	Employee Appearance
2.7.2.3	Employee Conduct
2.7.2.4	Identification as Contractor Employee
2.7.2.5	Removal of Employees
2.7.2.6	Proof of Legal Residency
2.7.3	Service Contract Reporting (SCR)
2.8	Security Requirements
2.8.1	Employee Listing
2.8.2	Vehicles
2.8.3	Passes and Badges
2.8.4	Access to Installation
2.8.4.1	DBIDS Program
2.8.4.2	DBIDS Credentials
2.8.5	Access to Buildings
2.8.6	Access Arrangements
2.8.6.1	Escort Arrangement for Secured Areas
2.8.7	Security Clearances
2.8.8	Access to Controlled Unclassified Information
2.8.9	Access to Government Information Technology (IT), Operating Technology (OT), and Facility Related Control Systems (FRCS)
2.8.10	Access to Navy Marine Corps Intranet (NMCI)
2.8.11	Employee Status
2.9	Contractor Safety Program
2.9.1	Contractor Safety Requirements
2.9.1.1	Experience Modification Rate (EMR)
2.9.1.2	OSHA Days Away from Work, Restricted Duty, or Job Transfer (DART) Rate
2.9.2	Accident Prevention Plan (APP)
2.9.3	Activity Hazard Analysis (AHA)
2.9.4	Safety and Occupational Health (SOH) Risks and Compliance Plans
2.9.4.1	Alcohol and Drug Abuse Prevention Plan
2.9.4.2	Chemical Hazard Communication Program
2.9.4.3	Confined Space Program
2.9.4.4	Critical Lift Plan
2.9.4.5	Fall Prevention and Protection Plan
2.9.4.6	Control of Hazardous Energy (lockout/tagout)
2.9.4.7	Emergency Rescue Plan
2.9.5	Crane Operations

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Spec Item	**Title**
2.9.5.1	Crane Inspections
2.9.5.2	Rigging Gear
2.9.5.3	Crane Operators
2.9.6	Accident and Damage Reporting
2.9.6.1	Accident Reporting and Notification Criteria
2.9.7	Fire Protection
2.9.8	Monthly On-Site Labor Report
2.9.9	OSHA Citations and Violations
2.9.10	Safety Inspections and Monitoring
2.9.11	Safety Certification
2.9.12	Safety Apparel on Jobsites
2.9.13	Emergency Medical Treatment
2.10	Environmental Management and Sustainability
2.10.1	Energy Management Program
2.10.1.1	Water Conservation
2.10.1.2	Energy Efficient Products
2.10.2	Environmental Protection
2.10.2.1	ODS Requirements for Refrigerant Recycling
2.10.2.2	Non-Regulated Waste Disposal
2.10.2.3	Universal Waste
2.10.2.4	Spill Prevention, Containment, and Clean-up
2.10.2.4.1	Spill Response Organization
2.10.2.5	Hazardous Material Management
2.10.2.6	Protection of Endangered and Threatened Species (Flora and Fauna)
2.10.2.6.1	Migratory Bird Treaty
2.10.2.7	Noise Control
2.10.2.8	Salvage
2.10.2.9	Asbestos Containing Material (ACM)
2.10.2.10	Lead Containing Material
2.10.2.11	Mercury Containing Material
2.10.2.12	Fluorescent Lighting Tubes
2.10.3	Sustainable Procurement and Practices
2.10.3.1	Environmentally Preferable Products
2.10.3.2	Use of Recovered Materials
2.10.3.3	Use of Biobased Products
2.11	Disaster Preparedness
2.11.1	Weather Conditions Affecting Work
2.12	Technical Library
2.12.1	Facility History File
2.13	Warranty Management
2.13.1	Warranty Information File
2.13.2	Contractor Daily Report
2.14	Recurring Work Procedures
2.14.1	Recurring Work Preparation of Proposals
2.14.2	Notification to the Government for Work Above the Recurring Work Limitations
2.14.3	Recurring Work Exhibit Line Item Numbers (ELINs)
2.14.4	Facility Services (FX) Service Level Standards Options
2.14.4.1	Facility Services (FX) Service Level Standards for Region Funded Facility Services
2.14.4.2	Facility Services (FX) Service Level Standards at Contract Award
2.14.4.3	Option to Change Facility Services (FX) Service Level Standards at Exercise of an Option Period
2.15	Non-Recurring Work

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Spec Item	**Title**
2.15.1	Unit Priced Task (UPT) Work (Non-Negotiated)
2.15.1.1	Acceptance and Performance
2.15.1.2	Invoicing and Receiving Payment
2.15.2	Unit Priced Labor (UPL)Work (Negotiated)
2.15.2.1	Non-recurring Work Preparation of Proposals
2.15.2.1.1	Labor Requirements
2.15.2.1.2	Direct Material and Construction Equipment Requirements
2.15.2.2	Issuance of Final Task Order
2.15.3	Non-Recurring Work Exhibit Line Numbers (ELINS)

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Spec Item	**Title**	**Description**
2	Management and Administration	
2.1	Definitions and Acronyms	Definitions and Acronyms are listed in J-0200000-01.
2.2	General Information	
2.2.1	Government Regular Working Hours	The Government's regular working hours are from 0700-1600, five days per week, Monday through Friday, 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 require 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 must be authorized by the KO prior to commencement of work.
2.2.1.1	Observed Federal Holidays	The Government observes the following holidays: New Year's Day, Martin Luther King Jr.'s Birthday, President's Day, Memorial Day, Juneteenth National Independence Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day, and Christmas Day.
2.2.1.2	Restriction to Contractor Working Hours	If the Contractor wishes to work outside of the Government's regular working hours for the Contractor's convenience, the Contractor shall submit a written Request to Work Outside Government's Regular Working Hours per Section F. Excludes work to be performed during specified hours.
2.2.2	Wage Determinations	Wage Determinations are included in J-0200000-02.
2.2.3	Requirements Hierarchy	Requirements or definitions specified in each spec item of this contract apply to subordinate paragraphs. For example, requirements shown in spec item 3.1 would apply to spec items 3.1.1, 3.1.2, 3.1.2.1 and so on. Likewise, Performance Standards specified at a lower digit level (i.e. spec item 3.1.1, 3.1.2, 3.1.2.1) apply when performance is assessed at a higher tier (i.e., spec item 3.1) based on the composite work requirements.
2.3	General Administrative Requirements	
2.3.1	Required Conferences and Meetings	The Contractor shall attend administrative and coordination meetings. The Contractor shall provide sign-in sheets and prepare minutes of all meetings and submit per Section F for review and comments. Comments received within two working days shall be incorporated into the minutes and a copy of the final revision shall be submitted per Section F for concurrence. Historically, there have been approximately four meetings per week.
2.3.2	Training for Maintenance and Operation of New and Replacement Systems and Equipment	When construction, renovation, or repair work is performed by means other than this contract, the Contractor shall attend Government provided training, as applicable, for maintenance and operation of new and replacement systems and equipment at no additional cost to the Government.
2.3.3	Partnering	The Government requires cohesive partnerships with its Contractors and subcontractors. Key stakeholders, including the supported commands who may receive services, principal individuals from NAVFAC, the performance assessment team, and representative(s) of the installation(s) will be invited to participate in the partnering process. Key members of the prime and sub-contractor teams, including senior management personnel must participate. The partnership will draw on the

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Spec Item	**Title**	**Description**
		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 any safety mishaps. NAVFAC P-204 Facility Support Contracts Partnering Guide contains the framework necessary for consistent implementation of partnering for Facility Support Contracts (FSCs).
2.3.3.1	Formal Partnering	The initial session should be scheduled concurrent with the Pre-Performance Conference and held no later than 30 days after award. The initial Partnering Meeting will be at least one day in duration and held at a Government provided facility as designated by the KO – OR – at a neutral location off the installation that is acceptable to the Contractor and to the Government. Follow-on sessions should be scheduled every three to six months and typically last a half day or less. The frequency, duration, and locations of follow-on sessions should be agreed to by both parties during the initial Partnering Meeting. 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), two 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 provide copies of any documents used for the Partnering Meeting 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 partnering.
2.3.3.2	Contract Partnering Administration	Upon award, the ACO will contact the Contractor, supported command(s), Region, and Installation(s) stakeholders, and the performance assessment team to discuss implementation of partnering. The ACO will commence discussions with the Contractor to select a facilitator and location that are acceptable to both partners.>> A partnership agreement, The Charter, should be in place as early as possible so issues arising, even before work begins, can be resolved using the issues resolution process. As part of the partnership agreement a project governance structure shall be established following the guidelines of P-204 Facility Support Contracts Partnering Guide. Replacement of Core Management Team members (stakeholders who attended the initial session and manage the contract work day-to-day) is discouraged since it will disrupt the synergy that has been developed. If replacement of a team member proves to be unavoidable, a follow-on partnering session must be held to officially turn the responsibilities of the position over to the new member. The Core Management Team consisting of the attendees below must be present during the initial and all follow-on partnering sessions. These are the core mandatory attendees. Other stakeholders may attend if they desire or as recommended by the partners.
2.3.3.3	Contract Partnering Session Attendees	Contractor shall bring the necessary personnel to successfully partner on this contract. Asterisk indicates mandatory personnel. * President/Vice President * Project Manager * Quality Manager * Site Safety and Health Officer Sub-contractor Reps
2.3.4	Permits and Licenses	The Contractor shall obtain all required permits, licenses, and authorizations to perform work under this contract and comply with all the applicable Federal, state,

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Spec Item	**Title**	**Description**
		and local laws and regulations. The Contractor shall submit copies of Permits and Licenses per Section F.
2.3.4.1	Camera Permits	Camera permits will be authorized only for work required under this contract for Contractor employees.
2.3.4.2	Gas Free Certifications	It shall be the responsibility of the Contractor to obtain all Gas Free Certifications when working in a closed, poorly ventilated space, and confined spaces. All personnel performing these duties shall be respiratory protection qualified in accordance with OPNAVINST 5100.23G. All certifications for the personnel performing gas free services shall be submitted to the Contracting Officer within 15 days after award as per Section F.
2.3.4.3	Hot Work Permits	The Contractor shall request Hot Work Permits from the Fire Inspection Office. No work will commence until appropriate certification and permits have been obtained.
2.3.5	Insurance	The Contractor shall submit a Certificate of Insurance per Section F as evidence of the existence of the following insurance coverage in amounts not less than the amounts specified below in accordance with the FAR Clause 52.228-5, INSURANCE – WORK ON A GOVERNMENT INSTALLATION. This insurance must be maintained during the performance period.
2.3.5.1	Certificate of Insurance	The Certificate of Insurance shall provide for at least 30 calendar 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 insurance clause.
2.3.5.2	Minimum Insurance Amounts	The Contractor shall procure and maintain, during the entire period of performance under this contract, the following minimum insurance coverage: Comprehensive General Liability: $500,000 per occurrence Automobile Liability: $200,000 per person, $500,000 per occurrence, $20,000 per occurrence for property damage Workmen's Compensation: As required by Federal and state worker's compensation and occupational disease statutes 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.
2.3.6	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 Contractor negligence under this contract to their original condition at no cost to the Government.
2.3.7	Directives, Instructions, and References	Department of Defense (DoD), Secretary of the Navy (SECNAV), Chief of Naval Operations (OPNAV), and other applicable Directives, Instructions, and References are listed in J-0200000-03. The Contractor shall comply with the most current version of directives, instructions, and references including versions published during the term of the contract.
2.3.8	Invoicing Procedures	Refer to Invoice Form in J-0200000-04 for sample. Invoices shall be submitted in a format compatible with the most recent Government installed Microsoft Office Version (currently 2016). Invoice data shall be capable of being sorted by CLIN, annex/sub-annex, spec item, spec item title, and ELIN/Sub-ELIN.
2.3.9	Forms	Forms referenced in this Annex, e.g. accident reporting and damage reporting are included among the Forms in J-0200000-05.

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Spec Item	**Title**	**Description**
2.4	Government-Furnished Items	Except for items identified below as Government-Furnished, the Contractor shall furnish all labor, supervision, management, tools, materials, equipment, facilities, transportation, incidental engineering, and other items necessary to provide the services described in this Performance Work Statement (PWS). Government-Furnished Items will be provided in "AS-IS" condition and their use is at the option of the Contractor. The total or partial breakdown or failure of Government-Furnished Items shall not relieve the Contractor of the responsibility to perform the requirements of this contract. The Contractor and designated Government representatives shall conduct a joint inventory no later than **30 calendar days** before commencing work under this contract to verify the quantity and condition of the facilities, equipment, tools, materials, and supplies to be turned over to the Contractor. Government furnished equipment shall not be removed from the MCAS or any other locations associated with this contract, or used on other contracts, unless approved by the Contracting Officer. The Contractor shall then certify the findings of this inventory and assume accounting responsibility of those items in accordance with MCAS Beaufort Property Control procedures with 10 working days of the completion of the joint inventory. The Contractor shall then certify the findings of this inventory and assume accounting responsibility of NON CMR in accordance with the Contracting Officer's established procedures. The Contractor shall provide periodic servicing, maintenance, and repair of the Government-Furnished Items accepted for use at no additional cost to the Government. Servicing, maintenance, and repair shall be provided in accordance with the manufacturer's recommendations. At the completion of the contract, all Government-Furnished Items shall be returned to the Government in the same condition as received, except for reasonable wear and tear. Government-Furnished Items, which becomes worn out due to normal wear and tear, shall be returned to the Government and its replacement shall be the responsibility of the Contractor at no additional cost to the Government. The Contractor shall be responsible for the cost of any repairs or replacement caused by Contractor negligence or abuse. The Government may inspect Government-Furnished Items at any time and without notice. A list of Government Furnished Property, Materials, and Services is provided in J-0200000-06.
2.4.1	Government-Furnished Property (GFP)	Per FAR 45.101, "Property in the possession of, or directly acquired by, the Government and subsequently furnished to the contractor for performance of a contract. Government furnished property includes, but is not limited to, spares and property furnished for repairs, maintenance, overhaul, or modification." Government owned equipment being taken off installation by a contractor is GFP. Example: Items being fixed + spare parts + any materials given to industry are all considered GFP. Real property, government facilities, inventory/supplies consumed in performance of requirement, vehicles and equipment used only on federal installations - could be considered incidental to performance, or consumables – not GFP. The Contractor shall support initial, periodic, and final inventories of GFP. **Any Government Furnished Property will be specified with each task order.**

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Spec Item	**Title**	**Description**
2.4.2	Government-Furnished Facilities (GFF)	Government owned Facilities are considered incidental to performance and are not considered GFP. If Government owned facilities will be made available to the Contractor, insert local requirements, e.g., The Government will make available to the Contractor certain facilities for use in connection with this contract. The use of these facilities for any other purposes is prohibited. The Contractor shall be responsible and accountable for the facilities accepted for use and shall take adequate precautions to prevent fire hazards, odors, and vermin. Janitorial and refuse collection services for the facilities shall be provided by the Contractor. The Contractor shall obtain written approval from the KO prior to making any modifications or alterations to the facilities. A list of the facilities that will be made available to the Contractor is provided in J-0200000-06-01. **Any Government Furnished Facilities will be specified with each task order.**
2.4.3	Government-Furnished Utilities (GFU)	The Government will make available water and electricity at existing outlets required for the work to be performed under the contract. The Contractor shall provide and maintain, at its expense, the necessary service lines from the existing Government outlets to the work site. Provide and maintain backflow prevention devices on connections to domestic water lines and electrical transformer provisions on connections to electric lines. Meet all Federal, State, local, and installation codes and regulations for backflow prevention devices and electrical transformer provisions. Services required by the Contractor, for which there are no available Government outlets, shall be provided by the Contractor at no cost to the Government. The Contractor is responsible for the cost of all utilities at all Government-provided facilities and any additional Contractor-owned facilities, at prevailing Naval Station rates. The Contractor will be billed directly for all utilities provided to all Contractor occupied facilities. Utility rates billed to the Contractor will be at the following rates: 1. Electrical - the current rate for electrical services is $111.82 MWH 2. Water - the current rate for water is $13.23 per KGAL 3. Wastewater (Sewage) - the current rate for sewage services is $14.06 per KGAL, based on 100% of the water consumption Variations in Rates: Utility rates are subject to change. Changes in one or more utility rates shall not be basis for adjustment to the contract price or a claim unless the deviation from the quoted price for a utility rate exceeds 15%. When a utility rate varies by more than 15%, the contract price will be adjusted to reflect the amount the actual charge exceeds the rate quoted; however, the Government will only be liable for the amount of cost exceeding 15% of the rate quoted. For example, if a quoted rate increases by 16%, the Government will only be liable for 1% of the rate increase. Vice versa if the quoted rate decreases by 16%. Historically, electrical and water utility consumption at the Facilities provided of Contractor use has averaged approximately 351 MWH of electricity and 316 KGAL annually. However, historical data associated with contracts prior to this solicitation may present data that may not be representative of the requirements specified in this contract.
2.4.4	Government-Furnished Equipment (GFE)	Government owned vehicles and equipment used only on the installation is considered incidental to performance and are not considered GFP. If vehicles and equipment will be made available to the Contractor, insert local requirements, e.g., The Government will make available to the Contractor certain vehicles and

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Spec Item	**Title**	**Description**
		equipment for use in connection with this contract. The use of these vehicles and equipment for any other purposes is prohibited. A list of vehicles and equipment that will be made available to the Contractor is provided in J-0200000-04 & J-0200000-06-05 .
2.4.5	Government-Furnished Information Technology	The Government shall provide the Contractor the use of Government owned systems, programs, software, hardware, and databases relevant to accomplishing the performance requirements of the Performance Work Statement (PWS). The Government will provide one time familiarization to indoctrinate the Contractor in the use of existing and mandatory IT/ADP (Information Technology/Automated Data Processing) systems. The Contractor shall not allow personal Internet or email resources on Government furnished hardware or on Contractor provided hardware connected to a Government furnished network/LAN to be utilized for personal use. Contractor personnel authorized to use government furnished computers will be required to attend training on Cyber Security Awareness. Contractor computer will not be allowed to connect to the government furnished network/LAN. The Contractor will need to provide their own network for its computers at their expense.
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 polychlorinated biphenyls (PCBs) shall not be brought onsite. Energy efficient tools and equipment shall be used when available. The KO may at any time require Samples, Safety Data Sheets (SDS) or Manufacturer's Data Cut Sheets of Materials used in this contract.
2.6	Management	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 assurance. The Contractor shall provide a staff with the necessary management expertise to ensure performance objectives and standards are met.
2.6.1	Safeguarding Information	The Contractor shall safeguard controlled unclassified information and information associated with Government property in accordance with the latest revision of CNSSI 1253, DoDI 8582.01, NIST SP 800-53, NIST SP 800-171, SECNAV Defense Industrial Base (DIB) Memo, and applicable contract clauses. At a minimum, this information shall be protected at the moderate confidentiality level as defined in NIST SP 800-171. Contractor information and data systems that contain information associated with Government property shall comply with DoD Risk Management Framework (RMF). The Contractor shall develop Plans of Action and Milestones (POA&Ms) per NIST SP 800-171, track accomplishment, and submit to the Government per Section F. If a cybersecurity incident is encountered or suspected related to any (Contractor or Government) Information Technology (IT) or Operating Technology (OT) systems, including Monitoring and Control Systems, the Contractor shall notify the Government per Section F.

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2.6.2	Dissemination of Information	If certain information cannot be provided to the public, state what information cannot be provided, when it will be provided, and to whom, e.g., DoD policy limits the dissemination of certain information. Instructions, Directives, and References not releasable to the public, e.g., Floor Plans, Maps, Post Orders, and Standard Operating Procedures, will be made available after contract award to the successful offeror with appropriate credentials and a need to know.
2.6.3	Work Reception	The Contractor shall provide the capability to receive, prioritize, correspond, and respond to trouble/service calls and task orders during Government regular working hours and provide a point of contact at a local or toll free number who can perform the above function during other than Government regular working hours.
2.6.4	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 work status updates shall be provided when requested by the Government. A status update of any item of work must be provided within two hours of the inquiry during regular working hours, and by 0800 the following work day for inquiries after regular working hours. The Contractor shall provide work schedules for both Recurring and Non-Recurring Work per Section F. At a minimum, work schedules shall include: • Description of service(s) to be accomplished • Location Date service(s) are scheduled to be accomplished
2.6.5	Work Schedule	The Contractor's work shall not interfere with normal Government business. In those cases where some interference is unavoidable, the Contractor shall minimize the impact and effects of the interference. The Contractor shall provide advance access of all of its work schedules to the Government. The Contractor shall provide written notification of any difficulty in scheduling work due to Government controls, per Section F. At a minimum, the notification shall include the following: • The date and time the work was initially coordinated. • The name and phone number of the Government person with whom the work was initially coordinated. • The name and phone number of the Government person who prevented the work from being performed as previously coordinated. • The alternative date and time, the Government person requested the work be accomplished.
2.6.6	Deliverables	The Contractor shall revise/modify deliverables, as directed by the KO, at no additional cost to the Government. Except where otherwise specified, all deliverables shall be submitted electronically in a Microsoft Office Version 2010 compatible format. Deliverables shall include the company name, contract number, contract title, date, and shall be unprotected and capable of being sorted by CLIN, work order number, asset number, section, annex/sub-annex, spec item and ELIN/Sub-ELIN or clause. All formulas shall be traceable. Government acceptance of deliverables shall not relieve the Contractor of the responsibility for any error or omission which may exist in the deliverable, as the Contractor is responsible for all requirements of this contract.

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		The Contractor shall establish and maintain a secure website for posting an electronic copy of all deliverables listed in Section F. The Contractor shall allow only authorized Government and Contractor personnel to access the website. Government personnel access shall be limited to viewing and downloading of deliverables, but restricted from posting to the website. The Contractor shall notify the Government by email whenever there are new or updated deliverables posted to the website. Each deliverable posting on the website and each email notification shall include the title of the deliverable, the spec item requiring the deliverable, and the date and time the deliverable was posted. All deliverables shall be available to authorized Government personnel 24 hours/day and 365 days/year for the duration of the contract.
2.6.7	Service Interruptions	If any utilities or other services must be discontinued (even temporarily) due to scheduled contract work, the Contractor shall notify the Contracting Officer, COR, affected tenants, and customers in accordance with local procedures. If the discontinued service is due to an emergency breakdown the Contractor shall notify the Contracting Officer, COR, affected tenants, and customers as soon as practicable and provide the status of repairs, as directed by the Contracting Officer, until normal operation is restored. Scheduled utility outages and interruptions to equipment, system(s) operation, or other services shall be scheduled after hours of operation per Section F. The Contractor shall shutdown, restart, and perform operational checks on all equipment affected by both scheduled and unscheduled utility outages and service interruptions, at no additional cost to the Government. The Contractor shall coordinate, manage, all dig or excavation permit requests. The Contractor shall utilize all available documentation of existing site conditions to prevent damage to underground obstructions (including utilities, structures, archaeologically/ historically sensitive sites, etc.). The Contractor shall initiate survey support if observations at the site or documentation indicate presence of obstructions. Planned utility/equipment outages shall be scheduled at a time of minimum demand and disruption. Requests for any utility outage must be submitted to the Contracting Officer using MCAS Utility outage request form found in J-0200000-05-01 for approval. The request should be submitted at a minimum of ten (10) working days in advance of the planned outage. Some outages, due to the characteristics of the outage, may require additional time to approve. Notification shall include date and time for the outage or reduction, services areas affected, and an estimate of when normal service will resume. Approval must be obtained from the Contracting Officer or the Contracting Officer's designated representative prior to enacting the outage. All unplanned utility outages or significant maintenance equipment failures shall be investigated by the Contractor, and a report of cause, corrective action, and future preventive measures shall be provided to the Contracting Officer within two (2) working days. All annual inspections and repairs requiring recertification shall be coordinated via the Contracting Officer. Before any excavation is started an excavation request shall be processed and approval received no less than ten (10) days prior to the planned excavation. Excavation is defined as digging or opening of an existing surface to a depth exceeding eight inches below the existing grade, including driving of poles or auger borings. EXCAVATION REQUEST FORM can be found in J-0200000-05-02 and submitted to the Contracting Officer as per Section F.
2.6.8	Government's Computerized Maintenance	The Contractor shall maintain records stored in the Government's CMMS, USMCMAX, current and accurate. The Government will make these systems available for the Contractor's use in managing the effort required under this

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	Management Systems (CMMS)	contract. The Contractor shall utilize USMCMAX to support maintenance for facilities included in this contract except for Civil Engineering Support Equipment (CESE). A functional description of USMCMAX is provided in the USMCMAX User's Manual located in the Technical Library. The Contractor shall perform preventive maintenance, repairs, construction, and other support services for all facilities, structures, weight handling devices, and utility systems in accordance with Equipment Inventory (EI) data resident in USMCMAX and Annex 1501000. The Contractor shall utilize USMCMAX in its full capability as the primary tool for planning, scheduling, managing, controlling, and tracking these tasks and managing all resources associated with performing these tasks. USMCMAX consists of a network fileserver and USMCMAX User's Manual supporting the following software: Work Control Management System; Emergency Services Management System; and Preventive Maintenance Inspection System. Information contained in USMCMAX is subject to change as equipment is replaced/removed, new items of equipment are installed or maintenance requirements change. Any cost resulting from the increase/decrease in the equipment inventory or maintenance requirement change shall be adjusted according to the Government approved estimating system. The Government may, from time to time, and without prior notice to the Contractor, replace or exchange items of equipment or components thereof. Equipment replaced or exchanged shall be maintained and or operated at the same standards as that which it replaced and at no additional cost to the government. This data is required for the Government's use in long term asset management and planning.
2.6.9	USMCMAX	USMCMAX is the Computerized Maintenance Management System (CMMS) used by the Government for work order history, asset management, and condition assessment. The Contractor shall provide all required data for USMCMAX as identified below: Informational Note: Not all supported commands' assets are included in USMCMAX. Not all of the modules available within the application are utilized and the modules utilized may not be fully implemented. USMCMAX does not include a detailed inventory of all assets, components, and equipment that the Contractor is required to service under this contract and may include inaccuracies, omissions, and redundancies.
2.6.9.1	USMCMAX Data	Required data fields for work orders are indicated in the Service Provider Information provided in J-0200000-13. Asset inventory data requirements are indicated in the Asset Information provided in J-0200000-14, including additional data for Utilities assets listed in Specification Information in J-0200000-15. Information for USMCMAX Data Reporting is provided in J-0200000-16. The Service Provider, Asset, and Specification Interfaces are used in multiple processes for loading data into USMCMAX by the Government and the format may be updated periodically. As part of the update the Contractor may be asked to modify the file to add/move columns in their submission. The Contractor shall provide up to 10 extra data elements or columns with as many as 150 characters per element for the Government to define during contract performance at no additional cost to the Government. The Government will provide the Contractor 60 calendar days' notice of modifications to the Service Provider, Asset, or Specification Interfaces file format.

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2.6.9.2	USMCMAX Method of Data Entry	The Contractor shall provide data for USMCMAX using the methods detailed below: DIRECT ENTRY: The Contractor shall manually enter required work order data directly into USMCMAX. The Contractor shall ensure all information is updated by the end of each workday for all work performed. If the Contractor does not have access to USMCMAX at contract start, work order and condition assessment data shall be submitted in a pipe delimited flat-file following the USMCMAX Data Reporting process described in J-0200000-16 per Section F. Any failures in processing of the flat-file shall be corrected and resubmitted by the Contractor. In order to demonstrate the ability to properly format the flat-file, the Contractor shall provide a Sample Pipe Delimited Flat-file prior to contract performance per Section F. Flat file submission of work order and condition assessment data will be allowed for a period not to exceed six months unless an extension is authorized in writing by the Contracting Officer. FLAT FILE: The Contractor shall electronically record and report compiled service performance data for exportation of asset and specification data to USMCMAX. The Contractor shall submit asset and specification data in a spreadsheet flat-file following the USMCMAX Data Reporting process described in J-0200000-18 per Section F.
2.6.9.3	USMCMAX Access	The Government will provide access to one NMCI workstation located in Building 625 for the dedicated use of the Contractor to access USMCMAX for Direct Entry of required data. A maximum of five USMCMAX accounts will be approved for the Contractor. Changes of personnel requiring USMCMAX accounts more than once per year may result in required compensation to the Government for the administrative costs in processing account requests. The Contractor shall submit a list of personnel requiring USMCMAX accounts per Section F.
2.6.9.4	USMCMAX Training	The Government will provide or make available initial training on USMCMAX to Contractor personnel responsible for direct entry of work order, asset, specification, and condition assessment data. Additional training will be provided by the Government when there are significant changes to the USMCMAX software or data entry requirements. Training due to changeover of personnel will be the responsibility for the Contractor. The Contractor will be provided a general user guide, local instructions, and other materials by the Government as reference material for the use of USMCMAX.
2.6.10	Quality Management System (QMS)	The Contractor shall establish and maintain a complete QMS program in accordance with the provisions specified herein. The Contractor's QMS program shall provide an effective and efficient means of identifying and correcting problems throughout the entire scope of operations. The Contractor's QMS program shall address: • Accurate documentation of work processes, procedures, and output measures. • A systematic procedure for assessing compliance with performance objectives and standards. • Accurate documentation of quality inspections and surveillance conducted throughout the execution of work.

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		• Assessment-driven corrective actions and process adjustments as appropriate in a timely manner.

2.6.10.1	Quality Management (QM) Plan	The Contractor shall develop and submit a QM Plan per Section F. The QM Plan shall describe the QMS methodology and approaches used under this contract. If any changes are made during the period of performance, the Contractor shall submit the revised QM Plan for acceptance, per Section F.
		
		The Contractor's QM Plan shall include, at a minimum, the following:
		• Policy and objectives of Quality Management System (QMS)
		• Quality organization
		  o List of personnel
		  o Responsibilities & lines of authority
		  o Training and qualifications
		• Approach to assuring quality of services provided and conformance with performance objectives and standards
		• Methods and procedures for effective planning, operation and control of processes and performance of work
		• Procedures for inspection and surveillance of services to include all contractual requirements.
		  o Scheduling and performance of inspection and surveillance
		  o Measurement, data collection and analysis
		  o Corrective action, preventive action, and continuous improvement
		  o Oversight of subcontracted work
		• Documentation and records management
		• Communication with government (customers)

2.6.10.2	Quality Inspection and Surveillance	The Contractor shall establish and maintain an inspection and surveillance 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 document and maintain a file of all scheduled and performed inspections and surveillances, inspection and surveillance results, and dates and details of corrective and preventive actions. The quality inspection and surveillance 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 COR after completion/termination of the contract per Section F.
2.6.10.3	Quality Inspection and Surveillance Report	The Contractor shall submit a copy of the Contractor Quality Inspection and Surveillance Report per Section F. The Contractor Quality Inspection and Surveillance Report shall include a descriptive narrative of events, a tabulated summary and results of the quality inspection and surveillance events performed, inspection-driven corrective actions taken and the results attained, and management process adjustments during the previous month. The Government may adjust the frequency of the submittal based on the Contractor's quality of performance.
2.6.11	Property Management Plan	The Contractor shall establish and maintain a plan that meets the contract clause requirements of Specification Item 2.4, Government-Furnished Items, of this Annex. This plan shall identify the Contractor's policies, procedures, and practices in receiving and performing physical inventories, key control, repairing and maintaining, preserving and protecting, and reporting the disposition of accepted government property in its possession. The Property Management Plan shall be submitted per Section F.
2.6.12	System and Equipment Replacement	The Contractor shall maintain the integrity and performance of existing energy saving, water conservation or other sustainability design features of systems and equipment in the performance of repair and replacement work. Except where otherwise specified, replacement components shall be of the same model/style or equivalent as the component being replaced. Substitutes for replacement

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		components must be accepted by the Contracting Officer prior to use. The Contracting Officer will furnish available information for the existing systems and equipment.
2.7	Personnel Requirements	The Contractor shall comply with the personnel requirements stated below:
2.7.1	Key Personnel	The Contractor shall submit a List of Key Personnel and Qualifications per Section F. The Contractor shall provide any additional information requested by the Contracting Officer or COR necessary to validate their qualifications. The Contractor shall submit an Organizational Chart per Section F showing lines of authority of the key personnel and on-site supervisor(s) for this contract. The chart shall include names of personnel and their position title in this contract. As a minimum, include the PM, Quality Manager, SSHO, USMCMAX Coordinator, and on-site supervisor(s) and who they will report directly to for this contract. The key personnel shall be revised as applicable to the contract. The Contractor shall provide complete resumes for proposed substitutes and any additional information requested by the Contracting Officer. Proposed substitutes shall have comparable qualifications to those of the persons being replaced. The Contracting Officer will notify the Contractor within 15 calendar days after receipt of all required information of the consent on substitutions. No change in fixed unit prices may occur as a result of key personnel substitutions.
2.7.1.1	Project Manager (PM)	The Contractor shall provide a PM and designated alternate, as applicable, who 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 the Government's regular working hours and shall be available on-site within one hour after the Government's regular working hours. The PM shall have at least five years of experience in managing a workforce providing services on contracts of similar size, scope and complexity.
2.7.1.2	Quality Manager	The Contractor shall provide a Quality Manager (QM) or designated alternative who shall be on-site at all times when the Contractor is performing work during the Government's regular working hours and shall be available on-site within two hours after the Government’s regular working hours. The Quality Manager or designated alternate shall report directly to a senior corporate official and shall not report directly to the Project Manager. The Quality Manager or designated alternate shall have fulfilled the following pre-requisite training and experience before being hired as the Quality Manager under this contract: The Quality Manager or designated alternate shall have a current CMQ/OE certification and at least five years of experience in preparing and enforcing QMS programs on contracts of similar size, scope and complexity. The Quality Manager or designated alternate shall not be the same person as the SSHO.
2.7.1.2.1	Quality Control Personnel	The Contractor shall provide Quality Control personnel whose primary duty and responsibility is to enforce the Contractor’s Quality Management System on this contract. The Quality Control personnel shall be on-site at all times when the Contractor is performing work during the Government's regular working hours. The Quality Control personnel shall report directly to the Quality Manager and shall not report directly to the Project Manager.

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		Quality Control personnel shall have fulfilled the following pre-requisite training and experiences before being hired as Quality Control under this contract: Quality Control personnel shall meet or exceed the qualifications, technical knowledge and experience requirements specified for the personnel performing the work, which they will be inspecting, and have at least three years of experience in enforcing QMS programs on contracts of similar size, scope and complexity. >>
2.7.1.3	Site Safety and Health Officer (SSHO)	The Contractor shall provide a Level 1 SSHO whose primary duty and responsibility is to prepare and enforce the Contractor's safety program on this contract. The Level 1 SSHO shall ensure the requirements of EM 385-1-1 and 29 CFR 1926.16 are met for the project. The Level 1 SSHO or an equally qualified Designated Representative/alternate shall be on-site at all times when work is being performed to implement and administer the Contractor's safety program and government-accepted Accident Prevention Plan. The Level 1 SSHO shall have fulfilled the pre-requisite qualification, training, continuous learning, and experiences describe in the EM 385-1-1 before being hired as the Level 1 SSHO under this contract. The Level 1 SSHO shall not be the same person as the Project Manager, Quality Control Manager, or any other position other than the Level 1 SSHO.
2.7.1.4	Environmental/ Energy Manager	The Contractor shall provide an Environmental/Energy Manager whose primary duty and responsibility is to ensure Contractor operations adhere to the goals and policies of the Environmental Management System, the Installation Energy Plan, and other specified Sustainability requirements affecting this contract. The Environmental/Energy Manager shall develop, implement and monitor environmental strategies, policies and programs that promote sustainable development and examine the contract activities to establish where improvements can be made and ensure compliance with environmental legislation and energy policy. The Environmental/Energy Manager shall have a minimum of two (2) years' experience with environmental procedures similar to those of this contract; familiarity with Environmental Management Systems (EMSs); and knowledge of environmental regulations and federal energy laws and policy (including energy and water reduction requirements and renewable energy requirements) that are applicable to operations similar to those of this contract.
2.7.1.5	USMCMAX Coordinator	The Contractor shall provide a USMCMAX Coordinator that shall be on-site during the Government's regular working hours. The USMCMAX Coordinator shall have full authority and responsibility for assuring that the Preventative Maintenance Program is completed and performed in accordance with the Real Property Maintenance Operations (RPMO) Manual. The USMCMAX Coordinator shall work directly with the MCAS Beaufort USMCMAX Installation Support Coordinator (ISC) to ensure all asset and location data is properly collected and recorded within USMCMAX. The USMCMAX Coordinator shall obtain a Common Access Card (CAC) in order to attend training seminars, conferences, or to visit other military installations as needed. The USMCMAX Coordinator shall have at least two years of experience working with Microsoft Excel and 1 year of experience with USMCMAX or other USMCMAX systems. The Contractor shall provide a USMCMAX Coordinator whose primary duty and responsibility is to perform USMCMAX data entry and maintenance and shall not have any other duties.

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2.7.1.6	Journeyman Locksmith	The Contractor shall provide a Journeyman locksmith as needed. Locksmith services will be ordered by service order and/or task order. The Locksmith shall be someone who has been the subject of a trustworthiness determination as specified in SECNAVINST 5510.36A (chapter 10-15), and shall comply with SECNAVINST 5510.36A, which provides mandatory security requirements. The journeyman locksmith is one who has completed an accredited master key system/locksmith course by the Associated Locksmiths of America or equivalent.
2.7.2	Employee Requirements	The Contractor shall provide experienced, qualified, and capable personnel to perform the work in this contract. Personnel shall be fully knowledgeable of all safety, environmental, and energy requirements associated with the work they perform. Personnel shall speak, read, and comprehend English to the extent that they can perform the contract requirements and comply with installation emergency procedures.
2.7.2.1	Employee Certification and Training	The Contractor shall maintain personnel certification, training, and licensing records for employee requirements specified herein and within all technical annexes/sub-annexes. Certification, training, and licensing records shall be kept current and on file for the duration of the contract including all option periods. Records shall be made available for Government review within 4 hours of request.
2.7.2.2	Employee Appearance	The Contractor shall ensure that all employees present a professional appearance that is appropriate for their position. The Contracting Officer 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 station required passes or badges.
2.7.2.3	Employee Conduct	Contractor employees shall conduct themselves in a proper, efficient, courteous and businesslike manner.
2.7.2.4	Identification as Contractor Employee	Contractor employees shall identify themselves as Contractor personnel by introducing themselves or being introduced as Contractor personnel and displaying distinguishing badges or other visible identification for meetings with Government personnel. All Contractor employees shall appropriately identify themselves as contractor employees in both verbal communication and electronic or written correspondence.
2.7.2.5	Removal of Employees	The Contractor shall remove from the site any individual whose continued employment is deemed by the Contracting Officer to be contrary to the public interest or inconsistent with the best interests of National Security.
2.7.2.6	Proof of Legal Residency	No employee or representative of the Contractor will be admitted to the site of work unless Proof of United States of America Citizenship as needed per Section F.
2.7.3	Service Contract Reporting (SCR)	The Contractor shall report total dollar amount invoiced and all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address: https://www.sam.gov. Per Section F, reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs from October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at https://www.sam.gov.
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

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		required to enter a Government site. The Contractor shall ensure that all security/entrance clearances are obtained. The Contractor shall ensure that Contractor personnel do not present a risk to security. By entering the installation, Contractor personnel are subject to installation, state, local and federal regulations and laws, including but not limited to debarment and criminal prosecution. >>
2.8.1	Employee Listing	The Contractor shall maintain a current Employee List and submit per Section F. The list shall include an employee's name, supervisor, company, and level of security clearance.
2.8.2	Vehicles	The company name shall be displayed on each of the Contractor's vehicles in a manner and size that is clearly visible. All vehicles shall display a valid state license plate that complies with State Vehicle Code. Vehicles shall meet all other requirement of the State Vehicle Code, such as safety standards, and shall carry proof of insurance and state registration, if applicable
2.8.3	Passes and Badges	All Contractor employees shall obtain the required employee and vehicle passes. The Contractor employees must be able to obtain Common Access Cards (CAC) in accordance with security requirements. Each employee shall wear the Government issued badge over the front of the outer clothing. When an employee leaves the Contractor's service, the employee's Passes and Badges shall be confiscated by the Contractor immediately and returned within 10 calendar days. All Contractor employees requiring access to the flight line shall be required to obtain flight line badges in accordance with ASO 5510.8. The Contractor shall provide the Station Security Department with a completed Government provided security questionnaire on each employee prior to coming on site. All Contractors while working onboard the Marine Corps Air Station shall have a Marine Corps Air Station badge displayed. The badge shall be worn on the front left-hand side of the outer garment, between the shoulder and the waistline. Each badge shall include the following information: (1) Name and number of the employee (2) Contractor address and telephone number (3) Subcontractor name and address Security will issue the prime Contractor a block of Marine Corps Air Station Contractor badges. The prime Contractor is responsible for issuing all persons on his/her job site Marine Corps Air Station Contractor badges and is responsible for badge accountability. When working on site, if wearing the badge would be a safety hazard, the individual may remove the badge but must retain it in his/her possession to show if challenged. When contractors are working after hours, Security must have on file an authorization letter containing complete information from the Contracting Officer co-signed by the Security Officer or his/her designated alternate. Certain areas additionally require a Marine Corps Air Station or tenant employee to be in the work area with the Contractor personnel. Upon expiration of the contract, all employees' passes and badges shall be returned to the Station Security Department within 10 working days. Passes and badges issued to the Contractor employees shall not negate the requirement for employee identification required below.
2.8.4	Access to Installation	All Contractor personnel shall obtain access to the installation through enrollment and registration into the Defense Biometric Identification System (DBIDS).

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		The Contractor shall provide the KO with the name of their designated Service Contractor Administrator (SCA) for enrollment in DBIDS. Once enrolled, the Contractor must provide the DBIDS Registrar with an approved employee list and then direct their employees to register into DBIDS
2.8.4.1	DBIDS Program	DBIDS is an enterprise identity management and perimeter installation access control solution in which Contractor personnel who enroll, and are approved, are subsequently granted access to the installation for a period up to three years, or the length of the contract, whichever is less, and are not required to obtain a new pass from the Base Pass and Identification Office for each visit. There are no fees associated with obtaining a DBIDS credential. The Government performs background screening and credentialing. Throughout the year, the Contractor employee must continue to meet background screening standards. Periodic background screenings are conducted to verify continued DBIDS participation and installation access privileges. DBIDS access privileges will be immediately suspended or revoked if at any time a Contractor employee becomes ineligible.
2.8.4.2	DBIDS Credentials	Contractor employees shall furnish a completed copy of the SECNAV 5512/1 form to obtain the required background check and visit the local Navy Installation Visitor Control Center to obtain a DBIDS credential once approved. The SECNAV 5512/1 form and additional information about DBIDS can be found at: https://www.cnic.navy.mil/Operations-and-Management/Base-Support/DBIDS/ The Contractor may initiate the adjudication process when a background screen failure results in disqualification from participation in DBIDS and the Contractor employees do not agree with the reason for disqualification. The Contractor may also apply for a waiver when a background screening failure results in disqualification from participation in DBIDS. The Commanding Officer will be the final waiver determination authority. The Contractor shall immediately collect employee DBIDS credentials and notify the Contracting Officer in writing: (1) That an employee has departed the company without having properly returned or surrendered their DBIDS credentials. (2) That there is a reasonable basis to conclude that an employee, or former employee, might pose a risk, compromise, or threat to the safety or security of the installation or anyone therein.
2.8.5	Access to Buildings	The Contractor shall monitor and control access into restricted areas under their responsibility, allowing only those individuals who have been properly cleared into restricted areas or other controlled access areas. The Contractor shall comply with security requirements, plus those imposed by the installation Commander at all times. Personnel with access to restricted areas shall have the appropriate screening, and shall wear special badges authorizing access for those areas. Contractor personnel shall not enter restricted or controlled areas or installation facilities unless specifically authorized in performance of their duties. 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 workday or shift period.
2.8.6	Access Arrangements	The Contractor shall make all arrangements through the appropriate office 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

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		diligence and be responsible for compromised security systems to include replacement costs that result from its action or inaction.
2.8.6.1	Escort Arrangement for Secured Areas	The Contractor shall make arrangements for Government escort into secured areas requiring escort. The KO will provide information on applicable buildings, spaces and the appropriate point of contact. The Contractor may experience delays while waiting for escorts. The Government estimates the wait period can be up to 15 minutes. The Contractor shall notify the Government Performance Assessment Representative (PAR) and appropriate point of contract if an escort is not available after 15 minutes and access to accomplish the work is denied. Unscheduled requirements may require a longer wait for an escort..
2.8.7	Security Clearances	The Contractor shall obtain all required corporate and personnel Security Clearances, prior to commencement of work, at no additional cost to the Government. The Contractor shall ensure that a list of all personnel with Security Clearances is maintained current, including clearances that are pending. MCAS Beaufort contains various restricted areas subject to increased security measures throughout the duration of contractual requirements. The Contractor shall adhere to all MCAS Beaufort security measures.
2.8.8	Access to Controlled Unclassified Information	The Contractor personnel whose work involves access to controlled unclassified information shall undergo a Tier 3 Investigation to verify their trustworthiness. If the Contractor personnel currently have a favorably adjudicated Tier 3 Investigation the Contractor shall notify the Government Command Security Manager who will validate this in the Joint Personnel Adjudication System (JPAS). The Contractor shall request from the Government for access to the E-QIP Direct program for the Contractor employees to complete the SF-86 form on line for a Tier 3 Investigation. The Security Manager will determine suitability. Upon a favorable Tier 3 Investigation, the Contractor personnel shall submit the original signed release statements, and an OF-306 Declaration for Federal Employment to the Security Manager per Section F. Upon submission of the necessary documentation through eQIP, the Contractor Employee shall provide digital fingerprints. The Contractor's Security POC shall notify the COR and the Security Manager when Contractor Employees have submitted their fingerprints. The request shall be renewed annually or for the duration of the contract if less than one year.
2.8.9	Access to Government Information Technology (IT), Operation Technology (OT), and Facility Related Control Systems (FRCS)	Personnel accessing Government IT and OT systems to include but not limited to USMCmax, DMLSS, DDC, and SCADA are in positions considered Non-Critical Sensitive/IT-II and require a Tier 3 investigation to verify their trustworthiness. Prior to being granted access to Government IT, OT, and FRCS systems, personnel shall have a favorably adjudicated Tier 3 Investigation, obtain a CAC in accordance with security requirements, successfully complete required training, submit a Systems Authorization Access Request (SAAR) Form, and meet all eligibility requirements. Personnel accessing Government IT, OT, and FRCS systems shall complete annual required training such as cyber assurance awareness, information security (INFOSEC) awareness, and operations security (OPSEC) awareness. The Contractor shall submit a list of personnel requiring access to Government IT, OT, and FRCS systems per Section F.

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2.8.10	Access to Navy Marine Corps Intranet (NMCI)	The Contractor may be required to access Navy Marine Corps Intranet (NMCI). Prior to being granted access to NMCI, Contractor employees shall obtain a CAC in accordance with security requirements, successfully complete required training, submit a Systems Authorization Access Request (SAAR) Form, and meet all eligibility requirements.
2.8.11	Employee Status	The Contractor shall notify the Contracting Officer of any changes to any employee's status to include, but not limited to, termination, convictions/arrests, adverse actions taken on the job for any reason or any other documented misbehavior that may affect, or have the potential to affect, security standing in terms of access to federal facilities or IT systems.
2.9	Contractor Safety Program	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, UFC 3-560-01 Operation and Maintenance Electrical Safety, and Public Law 91-596, Occupational Safety and Health Act. Any reference to "USACE" facilities, property, or equipment specified in EM 385-1-1 should be interpreted as Government facilities, property, and equipment.
2.9.1	Contractor Safety Requirements	Neither Contractor nor any subcontractor may enter into contract with any subcontractor that fails to meet the below requirements. The term subcontractor in this and the following paragraphs means any entity holding a contract with the Contractor or with a subcontractor at any tier.
2.9.1.1	Experience Modification Rate (EMR)	Subcontractors on this contract must have an effective EMR less than or equal to 1.10, as computed by the National Council on Compensation Insurance (NCCI) or if not available, as computed by the state agency's rating bureau in the state where the subcontractor is registered, when entering into a subcontract agreement with the Prime Contractor or a subcontractor at any tier. The Prime Contractor may submit a written request for additional consideration to the Contracting Officer where the specified acceptable EMR range cannot be achieved. Relaxation of the EMR range will only be considered for approval on a case-by-case basis for special conditions and must not be anticipated as tacit approval. Contractor's Site Safety and Health Officer (SSHO) must collect and maintain the certified EMR ratings for all subcontractors on the project and make them available to the Government at the Government's request.
2.9.1.2	OSHA Days Away from Work, Restricted Duty, or Job Transfer (DART) Rate	Subcontractors on this contract must have a DART rate, calculated from the most recent, complete calendar year, less than or equal to 3.4 when entering into a subcontract agreement with the Prime Contractor or a subcontractor at any tier. The Prime Contractor may submit a written request for additional consideration to the Contracting Officer where the specified acceptable OSHA Dart rate range cannot be achieved for a particular subcontractor. Relaxation of the OSHA DART rate range will only be considered for approval on a case-by-case basis for special conditions and must not be anticipated as tacit approval. Contractor's Site Safety and Health Officer (SSHO) must collect and maintain self-certified OSHA DART rates for all subcontractors on the project and make them available to the Government at the Government's request.
2.9.2	Accident Prevention Plan (APP)	The Contractor shall develop and implement a site Accident Prevention Plan (APP). The APP shall be prepared by the Contractor's SSHO and shall be followed by all Contractor employees, subcontractors, and vendors at each service site.

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		The APP shall follow the format and include all elements addressed in Appendix A of the latest version of EM 385. The APP shall incorporate Activity Hazard Analyses (AHAs) and compliance plans addressing all applicable Safety and Occupational Health (SOH) risks 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. The Contractor shall submit an APP for acceptance per Section F. The Contractor shall review, update, and submit revisions to the APP whenever a change in work conditions, hazards, or activities occur. Submittal of the APP shall include Activity Hazard Analyses (AHAs) and applicable compliance plans, programs, and procedures as specified below. The Contractor shall not commence work until the APP has been accepted, and no activity shall be started on site until the applicable AHAs and compliance plans have been accepted. Once accepted by the Contracting Officer, the APP and attachments will be enforced as part of the contract. Disregarding the provisions of this contract or the accepted APP will be cause for stopping of work, at the discretion of the Contracting Officer, until the matter has been rectified.
2.9.3	Activity Hazard Analysis (AHA)	The Contractor shall prepare Activity Hazard Analyses (AHAs) for all applicable common recurring work activities performed under this contract and submit per Section F. AHAs for non-recurring and one-time (e.g., non-recurring work task orders) work occurrences shall be submitted at least two working days prior to start of work. Specifically: • For contract modifications to non-recurring work requirements where changes are germane to the original contract, the Contractor shall revise applicable AHAs within 15 calendar days after modification is signed. • For contracts with non-recurring work ELINs, the Contractor shall submit an AHA on non-recurring work task orders, with the associated proposal, whenever the service environment or required task is different from the recurring work priced services. • For construction (including renovation or alteration) task orders placed on the non-recurring work portion of contract, the Contractor shall submit a separate AHA for each task order with the associated proposal. The Contractor shall follow the Risk Management Process for the development of Activity Hazard Analysis (AHA) in accordance with paragraph 01.A.14 and Appendix A of EM 385-1-1. A formatted outline of an AHA is provided in Figure 1-2 of the latest revision of EM 385. During the 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 Contracting Officer for review and acceptance.
2.9.4	Safety and Occupational Health (SOH) Risks and Compliance Plans	Based on a risk assessment of recurring and non-recurring work requirements and on mandatory OSHA compliance programs, the Contractor shall develop, provide and implement all applicable compliance plans, as necessary for the situation or types of work to be performed under this contract and submit per Section F.

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		Compliance plans, programs, and procedures along with their respective references are detailed in Appendix A, paragraph 3.i of the latest revision of EM 385 These plans shall be submitted with the APP and shall be updated as situations change. Additional compliance plans, programs, and procedures shall be developed as applicable when new types of work are required under this contract. Additional requirements for specific compliance plans are provided below.
2.9.4.1	Alcohol and Drug Abuse Prevention Plan	The Contractor shall develop an alcohol and drug abuse prevention plan to explain how it will satisfy the drug-free work force requirement as stated in DFARS Clause 252.223-7004 and include elements addressed in paragraph 01.C.02 of EM 385-1-1.
2.9.4.2	Chemical Hazard Communication Program	The Contractor shall develop a project-specific chemical hazard communication program to include elements addressed in paragraph 06.B.01 of EM 385-1-1and applicable OSHA requirements in 29 Code of Federal Regulations (CFR) 1910.120 and 29 CFR 1926.59.
2.9.4.3	Confined Space Program	The Contractor shall develop an activity/site-specific confined space program to include elements addressed in paragraph 34.A of the latest revision of EM 385 and comply with relevant requirements in 29 CFR 1910, 29 CFR 1915, and 29 CFR 1926, OSHA Directive CPL 2.100 and any other Federal, state and local regulatory standards.
2.9.4.4	Critical Lift Plan	The Contractor shall develop a critical lift plan to explain how it will conduct lifts for any of the following conditions: 1) Lifts over 75 percent of the capacity of the crane or hoist (or lifts over 50 percent of the capacity of a barge mounted mobile crane's hoists) at any radius of lift; 2) Lifts involving more than one crane, hoist, or LHE 3) Lifts of personnel; 4) Lifts involving non-routine rigging or operation, sensitive equipment, or unusual safety risks 5) Lifts involving hazardous materials (e.g., explosives, highly volatile substances); 6) Lifts where the center of gravity could change; 7) Lifts without the use of outriggers using rubber tire load charts; 8) Lifts using more than one hoist on the same crane, hoist, or LHE; 9) Lifts involving Multiple Lift Rigging (MLR) Assemblies or other non-routine or technically difficult rigging arrangements. 10) Lifts involving submerged loads. Exception: lifts that were engineered to travel in guided slots throughout the lift and have fixed rigging and/or lifting beams, i.e., intake gates, tailgates/logs); 11) Lifts out of the operator's view. (Exception: if hand signals used by a signal person in view of the operator or radio communications are available and in use, load does not exceed two tons AND is determined a routine lift by the lift super.) The critical lift plan shall include elements addressed in paragraph 16.H of EM 385-1-1, paragraph 1.7.2 of NAVFAC P-307, and comply with requirements in ASME B30.22, ASME B30.3; ASME B30.5, and ASME B30.8. The Contractor shall complete and maintain a copy of the Crane Operating Checklist for Critical Lifts, provided within the Forms in J-0200000-05-03, for each lift.
2.9.4.5	Fall Prevention and Protection Plan	The Contractor shall develop a site-specific fall prevention and protection plan to protect and prevent its service workers from falling from heights of 1.8m (6 feet) or more. This plan shall include elements addressed in paragraph 21.D of EM 385-1-

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		1 and ANSI A10.32, ANSI Z359.1, and ANSI/ASSE A10.34. The fall prevention and protection plan shall include a Rescue and Evacuation Plan in accordance with EM 385-1-1, Section 21.N. A competent person for fall protection shall prepare and sign the plan.
2.9.4.6	Control of Hazardous Energy (lockout/tagout)	The Contractor shall establish a program and utilize procedures for affixing appropriate lockout devices or tagout devices to energy isolating devices, and to otherwise disable machines or equipment to prevent unexpected energization, start up or release of stored energy to ensure compliance with 29 CFR 1910.147. The Contract shall submit a report of their periodic inspection of the energy control procedure that ensures the procedures, and the requirements of 29 CFR 1910.147 are being followed per Section F.
2.9.4.7	Emergency Rescue Plan	The Contractor shall develop a plan to rescue personnel who may become injured or incapacitated while performing services in an underground shaft or caisson. See paragraph 26.A.05 of the latest revision of EM 385.
2.9.5	Crane Operations	All operations of Cranes, Multi-Purpose Machines and Material Handling Equipment shall comply with EM 385-1-1, NAVFAC P-307, 29 CFR Part 1910, and 29 CFR Part 1926. The Contractor shall comply with paragraph 1.7.2 of NAVFAC P-307 and notify the Contracting Officer at least 24 hours prior to bringing any crane (including delivery vehicles with crane boom attachments), multi-purpose machines, material handling equipment, or construction equipment that may be used in a crane-like application to lift suspended loads on board a Navy Installation. Written documentation of the last weight test of the crane and all related weight handling equipment (e.g. attachments, rigging gear, etc.) shall be maintained on site. A joint verification with the Government representative must be performed to ensure that a legible and indelible completed copy of Appendix P, Figure P-1 of NAVFAC P-307 is maintained on the crane, multi-purpose machine, and material handling equipment or construction equipment used in a crane-like application to lift suspended loads. The following certification and testing documentation shall be on site prior to entry and use on any Navy Installation: 1) Crane, multi-purpose machine, material handling equipment or construction equipment used in a crane-like application to lift suspended load certification 2) Load testing 3) Yearly, monthly and daily inspection logs 4) Rope/sling certifications 5) Operator certifications/designations 6) Designation of person performing log inspections 7) Cranes that are permanently located on a Navy Installation shall have quarterly joint verification.
2.9.5.1	Crane Inspections	The Contractor shall ensure all inspections are performed in accordance with EM 385-1-1, NAVFAC P-307, 29 CFR Part 1910, and 29 CFR Part 1926 (daily, monthly, quarterly, yearly), and retain the current documentation of inspections. Documents shall be kept on site. Daily pre-use inspections and testing shall be performed on all load hoisting and lowering mechanisms, boom hoisting and lowering mechanisms, swinging mechanisms, travel mechanisms (if to be used that day), and safety devices. Cranes that have to be re-rated shall be in accordance with SAE Recommended Practices, Crane Load Stability Test Code J765 and documentation maintained on site. The Contractor shall have an operational anti-two block device or a two-block damage prevention feature for all points of two blocking and a boom hoist disconnect,

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		shutoff, or hydraulic relief to automatically stop the boom hoist when the boom reaches a predetermined high angle.
2.9.5.2	Rigging Gear	The Contractor shall ensure rigging gear and below the hook lifting devices and personnel comply with the following requirements: 1) Personnel performing rigging shall have an understanding of all signs, notices, and operating instructions, and be familiar with the applicable hand signals prescribed by the ASME B30 standard for the type of crane in use. 2) Personnel performing rigging shall be familiar with the rigging requirements in EM 385-1-1, NAVFAC P-307, 29 CFR Part 1910, and 29 CFR Part 1926. 3) The Contractor shall inspect rigging gear in accordance with EM 385-1-1, NAVFAC P-307, 29 CFR Part 1910, 29 CFR Part 1926, and paragraph 1.7.2 of NAVFAC P-307. Certification records shall be made available for review upon request.
2.9.5.3	Crane Operators	Crane operators shall meet the personnel qualifications requirements in paragraph 16.B of EM 385-1-1 and paragraph 1.7.2 of NAVFAC P-307. For mobile cranes with Original Equipment Manufacturer (OEM) rated capacitates of 2,000 pounds or greater, designate crane operators as qualified by a source that qualifies crane operators (i.e., union, a government agency, or an organization that tests and qualifies crane operators).
2.9.6	Accident and Damage Reporting	The Contractor shall notify the Contracting Officer as soon as practical, but no more than four hours, after any accident meeting the definition of Recordable Injuries or Illnesses or High Visibility Accidents, property damage equal to or greater than $2,000, or any Weight Handling Equipment (WHE) accident. Notification shall also be provided for any mishap occurring in any of the following high hazard areas: electrical (to include Arc Flash, electrical shock, etc.); uncontrolled release of hazardous energy (includes electrical and non-electrical); weight or load handling equipment (LHE) or rigging; fall-from-height (any level other than same surface); and underwater diving. These mishaps shall be investigated in depth to identify all causes and to recommend hazard control measures. Within notification include Contractor name; contract title; type of contract; name of activity, installation or location where accident occurred; date and time of accident; names of personnel injured; extent of property damage, if any; extent of injury, if known, and brief description of accident (to include type of equipment used, PPE used, etc.). Preserve the conditions and evidence on the accident site until the Government investigation team arrives on-site and Government investigation is conducted. The Contractor shall conduct an accident investigation for recordable injuries and illnesses, for accidents requiring Medical Treatment, property damage accidents resulting in at least $20,000 in damages, and near misses as defined in EM 385-1-1, to establish the root cause(s) of the accident. The Contractor shall complete the applicable NAVFAC Contractor Incident Reporting System (CIRS), and electronically submit via the NAVFAC Enterprise Safety Applications Management System (ESAMS) per Section F. Required or special forms are provided within the Forms in J-0200000-05-04. For any weight handling equipment accident (including rigging gear accidents) the Contractor shall conduct an accident investigation to establish the root cause(s) of the accident and comply with additional requirements and procedures for accidents in accordance with NAVFAC P-307, Section 12. The Contractor shall submit a WHE Accident Report (Crane and Rigging Gear) per Section F. WHE Accident

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		Report is provided in J-0200000-05-05. No crane operations are allowed to proceed until the cause is determined and corrective actions have been implemented to the satisfaction of the Contracting Officer. For a near miss, the Contractor shall complete the applicable documentation in NAVFAC Contractor Incident Reporting System (CIRS), and electronically submit via the NAVFAC Enterprise Safety Applications Management System (ESAMS) per Section F. For a near miss involving crane or rigging operations, the Contractor shall report verbally to the Contracting Officer as soon as management becomes aware but not later than 4 hours of such event and comply with additional requirements and procedures for near-misses in accordance with NAVFAC P-307, Section 12. A near miss occurs when an accident was avoided by mere chance or when intervention prevented an ongoing sequence of events that would have resulted in an accident (e.g. unplanned encroachment, improper crane set-up, improperly rigged load, etc.). The Contractor shall submit a Crane and Rigging Gear Near Miss Report per Section F. Crane and Rigging Gear Near Miss Report is provided in J- 0200000-05-06.
2.9.6.1	Accident Reporting and Notification Criteria	The following criteria and definitions apply to the accident reporting requirements specified above: Recordable Injuries or Illnesses. Any work-related injury or illness that results in: 1) Death, regardless of the time between the injury and death, or the length of the illness; 2) Days away from work (any time lost after day of injury/illness onset); 3) Restricted work; 4) Transfer to another job; 5) Medical treatment beyond first aid; 6) Loss of consciousness; or 7) A significant injury or illness diagnosed by a physician or other licensed health care professional, even if it did not result in (1) through (6) above. High Visibility Accident. Any mishap which may generate publicity or high visibility. Medical Treatment. Treatment administered by a physician or by registered professional personnel under the standing orders of a physician. First aid treatment provided by a physician, registered personnel or others is not considered Medical treatment. WHE Accident. A WHE accident occurs when any one or more of the eight elements in the operating envelope fails to perform correctly during operation, including operation during maintenance or testing resulting in personnel injury or death; material or equipment damage; dropped load; derailment; two-blocking; overload; or collision, including unplanned contact between the load, crane, or other objects. A dropped load, derailment, two-blocking, overload and collision are considered accidents even though no material damage or injury occurs. A component failure (e.g., motor burnout, gear tooth failure, bearing failure) is not considered an accident solely due to material or equipment damage unless the component failure results in damage to other components (e.g., dropped boom, dropped load, roll over, etc.)

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2.9.7	Fire Protection	The Contractor shall know where fire alarms are located and how to activate them. The Contractor shall handle and store all combustible supplies, materials, waste and trash in a manner that prevents fire or hazards to persons, facilities, and materials.
2.9.8	Monthly On-Site Labor Report	The Contractor shall submit a Monthly On-Site Labor Report per Section F. This report is a compilation of employee hours worked each month for all site workers, both prime and subcontractor. Monthly On-Site Labor Report shall be provided unprotected and capable of being sorted to the ELIN/Sub-ELIN level.
2.9.9	OSHA Citations and Violations	The Contractor shall correct violations and citations promptly and submit a copy of each OSHA citation and OSHA report with written OSHA Citations and Violations Corrective Action Report per Section F.
2.9.10	Safety Inspections and Monitoring	The Contractor shall conduct inspections of its work areas, job sites, and work crews every day work is being performed to ensure that all Contractor operations are being conducted safely. These inspections shall ensure: • The site is safe and free of job-site hazards • Proper PPE is being utilized and worn. • Safe work practices and processes are being followed. • Workers are familiar with the hazards covered in the respective AHA for that work activity. • All equipment and tools are in good condition and being used safely. 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 when it deems danger is imminent. 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. Contractor safety records shall be available to the Contracting Officer upon request. Whenever the Contracting Officer 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 Contracting Officer 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 Contracting Officer 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. The Contractor shall submit a copy of the Contractor Safety Inspection and Monitoring Report per Section F. The Contractor Safety Inspection and Monitoring Report shall include a descriptive narrative of significant events; a tabulated summary and results of the safety inspection and monitoring events performed;

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		inspection-driven corrective actions taken and the results attained; and management process adjustments during the previous month.
2.9.11	Safety Certification	The Contractor shall submit copies of all the required Federal, state, county, city and industry Safety Certifications for work performed under this contract per Section F. These certifications shall be kept up to date by the Contractor. The Contractor shall submit new versions of certifications as the old certifications expire. No work that requires a certification shall start without a valid and approved certification.
2.9.12	Safety Apparel on Jobsites	The Contractor personnel shall wear appropriate high-visibility safety apparel meeting ANSI/ISEA 107-2010 and DOT regulations for traffic control. Appropriate garments shall be based on the worker hazards and tasks, complexity of the work environment or background, and vehicular traffic and speed. As a minimum, the Contractor personnel shall wear ANSI/ISEA 107-2010 Class I compliant apparel.
2.9.13	Emergency Medical Treatment	Contractors will arrange for their own emergency medical treatment. The Government has no responsibility to provide emergency medical treatment.
2.9.14	Excavations	Soil classification must be performed by a competent person in accordance with 29 CFR 1926 and EM 385-1-1. The Contractor shall provide a third party, independent, private utility locating company to positively identify underground utilities in the work area in addition to any station locating service and coordinated with the station utility department. The Contractor shall physically verify underground utility locations, including utility depth, by hand digging using wood or fiberglass handled tools when any adjacent work is expected to come within 3 feet of the underground system. Utilities located within and under concrete slabs or pier structures, bridges, parking areas, and the like, are extremely difficult to identify. Whenever contract work involves chipping, saw cutting, or core drilling through concrete, bituminous asphalt or other impervious surfaces, the existing utility location shall be coordinated with station utility departments in addition to location and depth verification by a third party, independent, private locating company. The third party, independent, private locating company must locate utility depth by use of Ground Penetrating Radar (GPR), X-ray, bore scope, or ultrasound prior to the start of work. Outages to isolate utility systems must be used in circumstances where utilities are unable to be positively identified. The use of historical drawings does not alleviate the Contractor from meeting this requirement.
2.10	Environmental Management and Sustainability	The Contractor shall perform work under this contract consistent with the Installation's Environmental Management System (EMS) goals and policy. Goals: • Reduce purchase and use of toxic and hazardous materials; • Expand purchase of green products and services; increase recycling; • Reduce energy and water use; • Increase use of alternative fuels and renewable energy; • Integrate green building concepts in major renovations and new construction; • Prevent pollution at the source; and • Continual improvement. Policy: • Protect public health and the environment by being an environmentally responsible member of the community; • Preserve our natural, historic and cultural resources;

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		• Conserve natural resources by reducing what we discard, reusing items, and recycling materials, which includes purchasing products made from recycled materials; • Integrate sound environmental practices into all our operations and business decisions; Integrate environmental protection requirements and pollution prevention initiatives into the early planning, design and procurement of facilities, equipment and material, as well as the planning and implementation of military training activities; • Prevent or minimize pollution at its source as we seek out ways to eliminate or further minimize use of hazardous materials and generation of hazardous waste; • Maintain a sound partnership with regulatory agencies to sustain our compliance with existing and new environmental laws and regulations; • Enhance our program as we develop and implement an Environmental Management System; and • Adhere to this policy, remind one another to do so, and ensure that our entire community knows this is our policy by our actions as well as our words. The Contractor shall maintain monitoring and measurement information to address the EMS goals and policy and provide the EMS Goals and Policy Measurement Information to the KO per Section F. In the event an EMS nonconformance or environmental noncompliance associated with the contracted services, tasks, or actions occurs, the Contractor shall take corrective actions, assume legal and financial liability for the noncompliance and take corrective action immediately to remedy the noncompliance. The Contractor shall ensure that its employees are aware of their roles and responsibilities under the EMS and how these EMS roles and responsibilities affect work performed under the contract.
2.10.1	Energy Management Program	The Contractor shall comply with the installation's energy management program. The Contractor's PM, or designee, shall represent the Contractor's interest at all meetings of the activity's Energy Management Board. The Contractor shall attend periodic meetings with the Installation Energy Manager, where energy and water efficiency goals and project status will be discussed to ensure that any Contractor work complements and optimizes efficiency efforts.
2.10.1.1	Water Conservation Plan	The Contractor shall develop, submit and implement a Water Conservation Plan per Section F.
2.10.1.2	Energy Efficient Products	The Contractor shall use life-cycle cost analysis in making decisions about investments in products, services, construction and other projects to lower Federal Government's costs and reduce energy consumption. The Contractor shall elect lifecycle cost effective Energy Star and other energy-efficient products when acquiring energy-using products. For product groups where Energy Star labels are not yet available, select products that are in upper 25 percent of energy efficiency as designated by the Federal Energy Management Program. Use of high-energy consuming tools or equipment is subject to approval by the KO prior to use.
2.10.1.3	Sampling, Testing and Laboratory Services	The Contractor shall develop a written training plan and documentation of training for all sampling, testing, and laboratory personnel to demonstrate technical proficiency. The Contractor shall develop a written sampling plan for each sampling event and submit per Section F. The sampling plan shall summarize what will be sampled, the sampling equipment expected to be used and the number and location of

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		samples expected to obtain a representative sample. The Contractor shall re-sample, test and obtain laboratory analysis upon request and submit results per Section F, at no additional cost to the Government. The Contractor shall provide collection and analytical testing of samples in accordance with the latest version of the test methods set forth in 40 CFR 261, 40 CFR 262 or Test Methods for evaluating Solid Waste, Physical/Chemical Methods, EPA Publication SW0846 and State of Florida, Department of Environmental Protection Sampling SOPs. Laboratory shall be certified by the State of Florida Department of Health for the specific analytical procedure in accordance with all Federal and State regulations. Analytical reports shall be in the format described in the Florida Administrative Code (FAC) 62-160.
2.10.2	ODS Requirements for Refrigerant Recycling	The Contractor shall comply with all federal, state and local environmental laws and regulations, and specifically requirements of Sections 608 and 609 of the Clean Air Act Amendments (CAAA) of 1990, 40 Code of Federal Regulation Part 82 (40 CFR 82) and of paragraph 22-3.6 (Management of Ozone-Depleting Substances) of OPNAVINST 5090.1 Environmental Readiness Program Manual, and Navy ODS Advisory 96-02 Refrigerant Leak Repair and Record Keeping as pertaining to this contract.. Technicians shall be certified through an EPA approved program. Copies of the certifications shall be maintained at the employee's place of business and/or carried as a wallet card by the technician. All certificates shall be legible. Certifications shall be for the type of equipment they will be using (Universal Certification is preferred). Contracting Officer (KO) shall be provided a copy of all certificates. Contractor shall use only EPA approved refrigerant recovery equipment. A list of equipment including name of manufacturer, model number, serial number, date manufactured and a list of names of EPA Certified Technicians shall be provided at start of contract per Section F and whenever requested by KO. Recordkeeping shall document and demonstrate contractor compliance with regulatory and Navy requirements cited above. A Government ODS Tracking and Inventory System (OTIS) database will be provided for contractor use. Contractor may choose to use a commercially available ODS recordkeeping and tracking software if it provides similar recordkeeping and is deemed acceptable to the KO. Other methods of maintaining and tracking ODS recordkeeping requirements and compliance demonstration may be presented for consideration in lieu of using one of the above cited software if it meets regulatory recordkeeping requirements and is approved by KO. All records for work on refrigerant equipment shall contain at a minimum, the date, the technician's name, certification ID, equipment identifier and location, work performed, amount of refrigerant added or removed, and final determination of equipment status. A complete, up to date inventory of refrigerant containing equipment (maintained under this contract and Contractor owned) on board the installation shall be maintained at all times. The contractor is responsible for updating all recordkeeping software and for maintaining accurate and up to date refrigerant records. Contractor shall provide the KO with an updated copy of OTIS database or representative software data files quarterly and at conclusion/termination of contract per Section F. Contractor's ODS records shall be readily available for inspection by government and regulators

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		Records are maintained for all refrigerant removal operations performed prior to small appliance or motor vehicle air condition appliance disposal. The recovery date, technician's name and a statement that all refrigerant that had not previously leaked was removed in accordance with 40 CFR 82 shall be included in the disposal records. A weather resistant label or tag shall be placed on units pending disposal stating harmful refrigerants and oil have been removed from the unit in compliance with Section 608 of the CAA. The label or tag shall provide the company name & address, technician name, phone number, and date refrigerant was removed. Records shall be kept for all refrigerant recovery operations/services performed on equipment that normally contains 50 pounds or more refrigerant will include the service date, service description, amount of refrigerant purchased, and amount of refrigerant added. Technicians evacuating refrigerant from appliances with a full charge of more than 5 and less than 50 pounds of refrigerant for purposes of disposal of that appliance must keep records documenting the following for three years: (i) The company name, location of the appliance, date of recovery, and type of refrigerant recovered for each appliance; (ii) The total quantity of refrigerant, by type, recovered from all disposed appliances in each calendar month; and (iii) The quantity of refrigerant, by type, transferred for reclamation and/or destruction, the person to whom it was transferred, and the date of transfer. Leak Rate Calculation. Persons adding or removing refrigerant from an appliance must, upon conclusion of that service, provide the owner or operator with documentation that meets the applicable requirements in (§82.157(l)(2) Owners or operators must maintain a record including the following information for each time an appliance with a full charge of 50 or more pounds is maintained, serviced, repaired, or disposed of, when applicable. If the maintenance, service, repair, or disposal is done by someone other than the owner or operator, that person must provide a record containing the following information, with the exception of (l)(2)(vii) and (viii) of this section, to the owner or operator: (i) The identity and location of the appliance; (ii) The date of the maintenance, service, repair, or disposal performed; (iii) The part(s) of the appliance being maintained, serviced, repaired, or disposed; (iv) The type of maintenance, service, repair, or disposal performed for each part; (v) The name of the person performing the maintenance, service, repair, or disposal; (vi) The amount and type of refrigerant added to, or in the case of disposal removed from, the appliance; (vii) The full charge of the appliance; and (viii) The leak rate and the method used to determine the leak rate (not applicable when disposing of the appliance, following a retrofit, installing a new appliance, or if the refrigerant addition qualifies as a seasonal variance). The owner or operator must calculate the leak rate every time refrigerant is added to an appliance unless the addition is made immediately following a retrofit, installation of a new appliance, or qualifies as a seasonal variance.

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		Leak rate calculations report are to be submitted to the KO as per Section F. Refrigerant leaks on equipment, which normally contain 50 pounds or more refrigerant, are repaired within 30 days of leak discovery. Leak repairs for equipment normally containing 50 pounds or more refrigerant are documented, including the date of leak discovery and date repaired, technician's name, amount of refrigerant vented, and amount purchased and added. Repair of leaks must be documented by both an initial and a follow-up verification test or tests. Initial verification test. Unless granted additional time, an initial verification test must be performed within 30 days (or 120 days if an industrial process shutdown is required) of an appliance exceeding the applicable leak rate (dependent on equipment type). An initial verification test must demonstrate that leaks where a repair attempt was made are repaired. (i) For repairs that can be completed without the need to open or evacuate the appliance, the test must be performed after the conclusion of the repair work and before any additional refrigerant is added to the appliance. (ii) For repairs that require the evacuation of the appliance or portion of the appliance, the test must be performed before adding any refrigerant to the appliance. (iii) If the initial verification test indicates that the repairs have not been successful, the owner or operator may conduct as many additional repairs and initial verification tests as needed within the applicable time period. Follow-up verification test. A follow-up verification test must be performed within 10 days of the successful initial verification test or 10 days of the appliance reaching normal operating characteristics and conditions (if the appliance or isolated component was evacuated for the repair(s)). Where it is unsafe to be present or otherwise impossible to conduct a follow-up verification test when the system is operating at normal operating characteristics and conditions, the verification test must, where practicable, be conducted prior to the system returning to normal operating characteristics and conditions. (i) A follow-up verification test must demonstrate that leaks where a repair attempt was made are repaired. If the follow-up verification test indicates that the repairs have not been successful, the owner or operator may conduct as many additional repairs and verification tests as needed to bring the appliance below the leak rate within the applicable time period and to verify the repairs. Records detailing accidental venting of ODS are maintained; these records shall include as a minimum the date, type, location, amount vented, and reason for venting. Records detailing the type and amount of refrigerant purchases shall be kept. Only excess Class I ODS is to be returned to DLA and not private contractors (R-11, 12, 113, 114, 500, 502). All reclaimed class I refrigerant shall be stored in approved containers, made for the intended purpose and transported by the Contractor to the Defense Logistics Agency (DLA) at the following address: DLA Distribution SW0400 ODS Cylinder Operations Open Shed 6 Chippenham Parkway Entrance, Gate 13 Richmond, Virginia 23297-5000

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Spec Item	**Title**	**Description**
		Once the Contractor has delivered the refrigerant to DLA in Richmond, the Contractor shall submit a Class I and II ODS Report per Section F. Contractor ODS records shall be available to the KO upon request.
2.10.2.2	Solid Waste Management and Recycling	The Contractor shall fully comply with, actively participate in, and support MCAS Beaufort's Recycling Program. Solid Waste(s) that are designated as recyclable materials must be diverted from disposal as a solid waste and are required to be collected by the Contractor for turn-in to the Recycle Program in accordance with MCAS Beaufort Recycle Manager (Phone: 228-7694) instructions and policies. Materials that are presently deemed recyclable include, but are not limited to: white office paper, newspaper, cardboard, aluminum cans, copper/aluminum wire, scrap metal, wood, lead acid batteries, empty metal drums/containers, fluorescent lamps and other EPA-listed Universal Wastes as well as any other material deemed recoverable as designated by the Manager. The Contractor shall provide data related to quantity of solid waste generated, materials (by type and weight) recycled and quantity of solid waste disposed of from MCAS Beaufort and Laurel Bay Housing as per Section F. Data must be submitted monthly and on an annual Basis in order for NREAO to complete required reports due to the Department of the Navy.
2.10.2.3	Non-Regulated Waste Disposal	The Contractor shall dispose all wastes in accordance with all applicable Federal, state, and local laws, regulations, and executive orders, and with base-wide instructions, standards, and permit requirements. All non-regulated waste shall be disposed of in accordance with all applicable Federal, state, and local laws, regulations, and instructions, including but not limited to 40 CFR, SOPA (ADMIN) MYPTINST 5090.1.. Disposal of all non-regulated debris and rubbish resulting from the work under this contract shall comply with the federal regulations in 40 CFR Part 258 (Subtitle D of RCRA), or equivalent state regulations and be disposed of at appropriate off installation waste handling facilities.
2.10.2.4	Universal Waste	The Contractor shall collect and manage all Universal Waste generated under the performance of this contract in accordance with the applicable Federal, state and local laws, regulations and instructions, such as: 40 CFR, the installation's 5090.1 instruction
2.10.2.5	Spill Prevention, Containment, and Clean-up	The Contractor shall prevent, contain, clean up, and report all spills on Government property caused by the Contractor, in a manner that complies with applicable Federal, state and local laws, regulations, and with the Installation Hazardous Waste Management Plans; and Spill Prevention, Control, and Countermeasure Plans provided in J-0200000-09 at no additional cost to the Government. Hazardous waste, hazardous material, POL spills and nonregulated waste spills shall be reported through the 911 system and verbally notify the KO immediately. The notification and reporting sequence will be in accordance with local instructions (Spill Notification and Reporting Flowchart). The Contractor shall be responsible for cleanup of all spills that are the result of Contractor operations. The Contractor shall conduct visual inspections weekly of the secondary containment and other MCAS tanks for signs of rainwater, petroleum or non-petroleum material. Rainwater in the containment areas shall be drained within one week after a rainfall of at least 0.1 inch or when the secondary containment reaches 10% of capacity, whichever is sooner. Petroleum and non-petroleum materials shall be removed immediately and disposed. A drainage log shall be completed whenever the containment drainage valve is opened. The qualified operator is required to standby during the entire time the valve remains open. Fill and drain valves are to

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		be locked on all tanks to prevent vandalism, access by unauthorized persons, or spill due to rainwater displacing the fuel in open fill pipes and secondary containment. Spill control plan is located in J-0200000-09.
2.10.2.5.1	Spill Response Organization	The Contractor shall fully support the MCAS Beaufort spill response organization. The Contractor shall provide at least 4 personnel to serve as members of the Facility Response Team (FRT), and 2 additional personnel (first line supervisors or above) to serve as members of the Spill Management Team (SMT). These personnel shall be properly trained, and will participate in drills and exercises as mandated by Federal law (OAP 90) with drill frequency determined by State and Federal regulations. Additionally, they are subject to being recalled whenever the FRT and SMT are activated to respond to a spill of POL or hazardous material.
2.10.2.5	Hazardous Material Management	The Contractor shall support the Consolidated Hazardous Material Reutilization and Inventory Management Program (CHRIMP). The Contractor shall submit an Emergency Planning and Community Right to Know Act (EPCRA) Report and Contractor Hazardous Material Inventory Log per Section F following the format provided in J-0200000-08. The Contractor shall receive approval from the Contracting Officer prior to bringing hazardous material on Government Property or prior to any other use in conjunction with this contract. For approval to use any hazardous material, allow a minimum of 10 working days for processing the request. The Contractor shall post Safety Data Sheets (SDS) at the worksite where the products are being used. Should the Government determine that a chemical the Contractor will use needs to be tracked, the Government may direct the Contractor to submit additional information in order to fulfill reporting requirements. 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. Notwithstanding any other hazardous material used in this contract, radioactive materials or instruments capable of producing ionizing/non-ionizing radiation (with the exception of radioactive material and devices used in accordance with EM 385-1-1 such as nuclear density meters for compaction testing and laboratory equipment with radioactive sources) as well as materials which contain asbestos, mercury or polychlorinated biphenyls, di-isocynates, lead-based paint are prohibited. The Contracting Officer, upon written request by the Contractor, may consider exceptions to the use of any of the above excluded materials. Low mercury lamps used within fluorescent lighting fixtures are allowed as an exception without further Contracting Officer approval. Notify the Radiation Safety Officer (RSO) prior to excepted items of radioactive material and devices being brought on base.
2.10.2.6	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 Contracting Officer 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 Contracting Officer to resume work.
2.10.2.6.1	Migratory Bird Treaty	The Contractor shall comply with The Migratory Bird Treaty Act (16 USC 703) providing the regulations to control taking, selling, and transporting migratory birds, their nests, eggs, parts or products.
2.10.2.7	Noise Control	The Contractor shall comply with all applicable Federal, state and local laws, ordinances, and regulations relative to noise control.

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2.10.2.8	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 salvage material and equipment to a location determined by the Contracting Officer at no additional cost to the Government.
2.10.2.9	Asbestos Containing Material (ACM)	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 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 submit a written ACM Notification within 24 hours per Section F. See J-0200000-07 for the NREAO Asbestos Abatement RIPOOUT Authorization Form.
2.10.2.10	Lead Containing Material	All Contractor work procedures and worker exposure shall comply with 29 CFR Part 1926.62, Lead Safety and Health Regulations for Construction. Contractor training, certification and licensing shall comply with 40 CFR-745-226 "Certification of Individuals and Firms Engaged in Lead-based Paint Activities".
2.10.2.11	Mercury Containing Material	All Contractor work procedures and work exposure to mercury containing materials shall comply with 29 CFR Part 1910, General Industry Standards for Worker Protection and work procedures shall comply with 29 CFR Part 1926, Safety and Health Regulations for Construction. Training of personnel shall be suitable for conditions of work and shall include proper waste handling and emergency procedures.
2.10.2.12	Fluorescent Lighting Tubes	The Contractor shall ensure all fluorescent lighting tubes are recycled in accordance with 40 CFR 273, Universal Waste Management Standards intact with written verification of recycling actions be submitted to the Contracting Officer. The Contractor shall be responsible for turning in fluorescent lighting tubes to NEARO for proper recycling as Universal Waste (UV).
2.10.3	Sustainable Procurement and Practices	The Contractor shall develop, submit, and implement a Sustainable Procurement and Practices Plan per Section F. This plan shall identify how the Contractor will comply with all applicable Federal, state and local laws and regulation, including E.O. 13514, Installation Energy Management Program and Water Conservation Programs and energy reduction requirements. The plan shall specifically address the following components: • Recycled Contents Products • Energy/Water efficiency • Energy Efficient Tools and Equipment • Alternate Fuels and Alternate Fuel Vehicles • Biobased Products • Non-Ozone Depleting Products • Environmental Preferred Products and Services • Low/Non-Toxic and Hazardous Materials The Contractor shall submit an annual Sustainable Delivery of Services Report per Section F.
2.10.3.1	Environmentally Preferable Products	The Contractor shall procure and use products that are energy-efficient (Energy Star or Federal Energy Management Program (FEMP)-designated), water efficient, bio-based, environmentally preferable (*e.g.,* Electronic Product Environmental Assessment Tool (EPEAT)-registered), non-ozone depleting, contain recycled

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Spec Item	**Title**	**Description**
		content, or are non-toxic or less toxic alternatives, where such products and services meet performance requirements.
2.10.3.2	Use of Recovered Materials	The Government has an affirmative procurement program to promote the purchase of products containing recovered materials. The intent is to reduce the solid waste stream and conserve natural resources by establishing markets for recycled content products and encouraging manufacturers to produce quality products containing recovered materials. Participate in this program by using, for Environmental Protection Agency (EPA) designated items, recovered materials to the maximum extent practicable without jeopardizing the intended end use of the item. The percentage of recovered materials content levels for use in the performance of this contract will be, at a minimum, the amount recommended in the EPA Comprehensive Procurement Guideline (CPG) Product Index website: https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program Use of EPA designated products is not required for products that are either not available within a reasonable period of time, are not available at a reasonable price, are not available from a sufficient number of sources to maintain a satisfactory level of competition, or fail to meet performance standards based on technical verification. EPA designation of products is an on-going process. Listings of EPA designated products containing recovered materials are found in 40 CFR 247. Make recommendation and submit Recovered Material Certification, per Section F, when a product containing recovered materials is equal to or better than the original and could be used for this contract. All changes of products must be accepted by the Contracting Officer prior to its use.
2.10.3.3	Use of Biobased Products	The Contractor shall make maximum use of biobased products in accordance with the FAR Clause 52.223-2 -- Affirmative Procurement of BIOBASED Products Under Service And Construction Contracts. Information about these products is available at https://www.biopreferred.gov/BioPreferred
2.11	Disaster Preparedness	The Contractor shall support the installation contingency response plan as directed by the KO. The Contractor shall submit their Mission Essential Contractor Services Plan and a list of their Mission Critical/Mission Essential Personnel per Section F.
2.12	Technical Library	Existing technical library contents will be furnished by the Government located in Building 616 or at the existing applicable location; such as the transportation shop or specific mechanical room or building. The Contractor shall work with the Government to maintain the technical library. Libraries shall include facility drawings, operation & maintenance manuals, warranties, Government publications, record drawings, and other appropriate material. The Contractor shall continually update library material to ensure all data is current, complete, accurate and suitable for intended use. 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 technical library contents are the property of the Government and shall be turned over to the Contracting Officer upon completion or termination of the contract. The Contractor shall submit the Technical Library Table of Contents per Section F.
2.13	Warranty Management	Prior to performing repair work, the Contractor shall report to the KO any defect in workmanship, material, or parts, and any improper installation of equipment and components that are covered by a warranty. The Contractor is responsible for

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Spec Item	**Title**	**Description**
		knowing which equipment and components are covered by the original warranty and the warranty duration. The KO will provide available warranty documents.
2.13.1	Warranty Information File	The Contractor shall provide all Warranty Information upon work completion to the Contracting Officer and the Public Works Office as per Section F. The file shall contain a copy of all warranty information filed by serial number/warranty identification number.
2.14	Recurring Work Procedures	
2.14.1	Recurring Work Preparation of Proposals	The Contractor shall price additions or deletions to the Recurring Work requirements using the unit prices bid by the Contractor for Non-Recurring Work Unit Priced Tasks (UPTs). If Non-Recurring Work does not include a corresponding UPT for a specific work requirement for addition or deletion to the Recurring Work requirements, the Contractor shall propose on that specific work requirement in accordance with the Non-recurring Work Preparation of Proposal requirements specified below. Additional markups shall not be included since the cost for these items were included in the unit prices bid by the Contractor for Non-Recurring Work. This may result in the Contractor's proposal consisting of UPT unit price(s), Unit Priced Labor (UPL) Hour(s), Material pricing, or a combination thereof. Recurring Work proposals, including detailed scopes of work and detailed estimates for modification to the Recurring Work requirements shall be submitted per Section F.
2.14.2	Notification to the Government for Work Above the Recurring Work Limitations	The Contractor is fully responsible for work up to the recurring work limits. Recurring work limits are specified in subsequent annexes or sub-annexes. When work is expected to exceed the recurring work limits, the Contractor shall notify the Contracting Officer and provide a rough order of magnitude (ROM) estimate for the work exceeding the Contractors recurring work limits of liability within two hours of identification for further direction. The Government may issue a service order in accordance with the recurring work provisions of this contract order work, in accordance with the non-recurring work provisions of this contract detailed below, or accomplish the work by means other than this contract. The Contractor shall provide a detailed scope of work and detailed estimate, per Section F, per the non-recurring work procedures in Spec Item 2.15.2.1 for any potential task orders resulting from work that exceeded a recurring work limit of liability in the contract. The estimate shall include the full scope of work and clearly show the deductions for the applicable recurring work limit of liability. The resultant proposed price shall be for the portion of the work exceeding the recurring work limit of liability. Further, the Contractor shall prepare and provide scopes of work and estimates in this manner to the Contracting Officer when requesting a determination that a recurring work limit of liability has or will be exceeded.
2.14.3	Recurring Work Exhibit Line Item Numbers (ELINs)	Recurring work Exhibit Line-Item Numbers (ELINs) are provided in J-0200000-11.
2.15	Non-recurring Work	Non-recurring work is identified in each applicable annex or sub-annex. Non-recurring work may consist of Unit Priced Task (UPT) Work (non-negotiated) and Unit Priced Labor (UPL) Work (negotiated). The Contractor shall perform all non-recurring task work as ordered by the Contracting Officer per Section G and DoD FedMall requirements. Non-recurring 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 Non-recurring Work Exhibit Line Items (ELINs) provided in Section J on an as needed basis.

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Spec Item	**Title**	**Description**
2.15.1	Unit Priced Task (UPT) Work (Non-Negotiated)	A UPT is defined as a non-recurring work item that includes all direct and indirect costs plus profit associated with the particular unit of work. All materials and equipment (rented, leased or Contractor-owned) required for the accomplishment of a UPT shall be included within the respective exhibit line item prices. The fixed price 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.
2.15.1.1	Acceptance and Performance	The Contractor shall offer indefinite quantity (IQ) pre-priced line item services to authorized Government personnel when they are ordering the work directly via the Government-wide Commercial Purchase Card (GCPC) program. When receiving GCPC orders against Section B, the Contractor shall provide the supplies and services at the offered price without additional markup or handling fee. The Contractor shall accept and process electronically submitted GCPC orders for IQ services, including those orders issued through the FedMall. FedMall is a U.S. Government (USG) owned and operated web-based ordering system that enables any Department of Defense (DoD) or Federal activity to search for and order goods and services. Authorized GCPC users will receive approved accounts on FedMall to view and order IQ line items. The Contractor shall receive electronic IQ orders from FedMall using 128-bit encrypted email. The Contractor shall purchase, install, and utilize the most recent version of PGP Personal software, or a comparable solution, for the purpose of decrypting order notification emails from FedMall. In addition, the DoD has established the External Certification Authority (ECA) program to support the issuance of DoD-approved certificates to Contractors. The ECA program is designed to provide the mechanism for Contractors to securely communicate with the DoD and authenticate to DoD Information Systems. The Contractor shall purchase, install, maintain and use a DoD-approved ECA certificate. Information on obtaining an ECA certificate can be found at https://public.cyber.mil/eca/ The Contractor shall post updates on order delivery schedule and performance to the FedMall in a timely manner. The Contractor shall track quantities and report total ordered quantity in FedMall and approved DD 1155's by line item number each month and year-to-date. The report shall be due to the Contracting Officer by the fifth day of the following month, per Section F. The Contractor must track and report when total dollar value of all orders from both GCPC purchases and DD 1155s exceed 75% of the combined Section B Pre-Priced Line Item quantities.
2.15.1.2	Invoicing and Receiving Payment	Payment for completed FedMall orders will be made using the Government wide Commercial Purchase Card (GCPC). Reference “payment by third party” clause FAR 52.232-36. The Contractor shall possess the capability to invoice and receive payment for non-recurring work via an electronic medium with supported command representatives utilizing their GCPC. No partial or advance payments will be provided.
2.15.2	Unit Priced Labor (UPL)Work (Negotiated)	The Contractor shall perform all UPL work in accordance with the scope and delivery schedule negotiated per each task order. UPL work is defined as non-recurring work that utilizes negotiated labor hours and materials to accomplish a task not required by the recurring work portion of the contract. UPL includes separately priced labor, material, 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 the fixed price for the task order.

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Spec Item	**Title**	**Description**
2.15.2.1	Non-recurring Work Preparation of Proposals	The Contractor shall submit non-recurring work proposals to the KO, per Section F. Proposals shall include: 1) a complete list of all tasks necessary to perform the required scope of work, 2) the number of direct labor hours to perform each task and 3) the projected quantity and costs of materials and equipment to perform the required scope of work.
2.15.2.1.1	Labor Requirements	Accepted industry time standards published in R. S. Means Facility Maintenance and Repair Cost Data, industry organizations, and similar estimating sources shall be used for determining the number of direct labor hours required to complete the scope of work. If not provided in RS Means or a similar estimating source, labor hours may be based on quotes from at least three different commercial vendors. The total labor cost will be determined by totaling the number of direct labor hours and then multiplying by the UPL amount in the Non-Recurring Work Exhibit Line Items (ELINs) provided in Section J. The Government retains the right to obtain additional quotes. The lowest quoted labor hours shall be used.
2.15.2.1.2	Direct Material and Construction Equipment Requirements	Direct material and construction equipment costs published in R. S. Means Facility Maintenance and Repair Cost Data, national material supplier catalogues, U.S. Army Corps of Engineers Construction Equipment Ownership and Operating Expense Schedule (EP 1110-1-8), equipment rental catalogues, and similar estimating sources shall be used for determining customary and reasonable costs for the direct material and construction equipment estimate. If not provided in RS Means or a similar estimating source, direct material prices may be based on national material supplier catalogue pricing or quotes from at least three different commercial vendors. Projected direct material requirements shall include a list of materials establishing the size, quality, number of units, and unit prices. Pre-expended bin supplies and materials shall not be included in the list of direct materials since the cost for these items are to be included in the labor hour unit price. Direct material prices shall be the lowest price available considering the availability of materials and the time constraints of the job. The direct material price shall include all discounts and rebates for core value and salvage value that accrue to the Contractor and Contractor-furnished warehousing cost.>> Construction equipment costs shall include rental and lease costs, ownership costs where Contractor-owned, construction equipment mobilization, and tools, not priced under the recurring work portion of the contract The Government retains the right to obtain additional quotes in questionable situations. The lowest price shall be used.
2.15.2.2	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.
2.15.3	Non-recurring work ELINS	Non-recurring Work Exhibit Line-Item Numbers (ELINs) are provided in J-0200000-11.

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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 Marine Corps Air Station (MCAS) Laurel Bay (LB), Laurel Bay Schools, Beaufort, SC, Townsend Bombing Range Shellman Bluff, Georgia and outlying areas supported by this installation by means of a performance-based contract that is comprised of both Recurring Work and Non-Recurring Work Items.
1.1	Outline of Services	The intent of 1502000 Facility Investment is to specify the requirements for Sustainment, Restoration, and Modernization (SRM) sub-functions only. The Facility Investment 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 USMC programs. Some major repair, minor construction and stand-alone demolition may be accomplished as part of Facility Investment. The Contractor shall perform maintenance, repair, alteration, demolition and minor construction for the following: Building and Structures -Interior and exterior finishes -Plumbing (includes backflow prevention devices) -Grease Traps -Roofing -Foundation -Structural Components -Cathodic Protection Systems -Tanks -POL System -Pipelines -Relamping -Converters Building Systems -HVAC -Direct Digital Control (DDC) -Emergency Management Control System (EMCS) -Vertical Transportation Equipment (VTE) -Intrusion Detection Systems -Bridge and Jib Cranes -Boilers -Unfired Pressure Vessels (UPV) -Compressed Air Systems -Potable Water (including backflow prevention devices)

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Spec Item	**Title**	**Description**
		-Wastewater -Electrical -Lightning Arrestors and Grounding Devices -Cathodic Protection Systems -Auxiliary Generator Systems (including emergency and portable generators) -Uninterruptible Power Systems (UPS) -Exhaust Hoods and Ducts -WHE - Fall Protection Systems Miscellaneous -Signs -Fences -Locksmith -Drainage Ditches -Monuments -Flag Poles -Unpaved Roads (gravel roads) -Septic Tanks -Air Plane Sunshades Roads and Paved Surfaces -Traffic Control Devices -Bicycle Paths -Pedestrian/Jogging Paths -Striping -Curbs -Sidewalks -Parking Lots -Bridges -Drainage Systems -Outdoor Courts Waterfront -Piers -Bulkheads -Wharfs -Trackage -Crane and Elevated Crane Airfields -Runways -Taxiways -Aircraft Parking Areas -Aviation Fuel Systems -Navigational Aids and Lighting -Approach Lighting -Bachelor Quarters

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Spec Item	**Title**	**Description**
2	Management and Administration	
2.1	Definitions and Acronyms	Definitions and Acronyms are listed in J-1502000-01.
2.2	Personnel	The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required for efficient operation and performance of maintenance, and repair within the FI function.
2.2.1	Certification, Training, and Licensing	All maintenance and repairs shall be performed by personnel trained and certified by the OEM. Personnel inspecting, witnessing tests, preparing reports, and issuing certificates for boilers and UPVs must be qualified per UFC 3-430-07. Personnel maintaining, repairing, inspecting, testing, operating, or rigging WHE shall be qualified per NAVFAC P-307. Personnel maintaining and operating WHE shall have all licensing and certifications needed to legally operate any of the 4 categories of cranes listed in this specification. Personnel inspecting and testing crane and railroad trackage shall be qualified per NAVFACINST 11230.1. Personnel inspecting, certifying, and making recommendations for corrective action for backflow preventers shall be certified per UG-2029-ENV. Personnel performing inspections and tests on VTEs must be qualified per NAVFAC MO-118. Personnel working on systems, equipment or components containing chlorofluorocarbons (CFCs) and/or hydro-chlorofluorocarbons (HCFCs) must be certified under an Environmental Protection Agency (EPA) approved technical certification program per OPNAVINST 5090.1 Chapter 6 Personnel working with or on electrical or electronic equipment must be trained and certified per NAVFAC MO-200. Personnel conducting ground safety checks on lighting arrestors or grounding devices on facilities housing ammunition and explosives must be certified per NAVSEA OP-5. Personnel performing work on transformers must be knowledgeable of proper procedures for handling and disposing of insulating fluid containing polychlorinated biphenyls (PCBs) Personnel performing work in HAZMAT/HAZWASTE must complete the HAZMAT/HAZWASTE handling course or have a minimum of one year of experience working with HAZMAT/HAZWASTE. Personnel performing work and obtaining test data on the Cathodic protection system must be trained per UFC 3-570-06.

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Spec Item	**Title**	**Description**
		All maintenance trade personnel certifying or inspecting repair or maintenance work that does not require an inspector certified by a governing directive shall be qualified at the journeyman level. The Contractor shall submit proof of all certifications, training, and licensing requirements per Section F.
2.3	Special Requirements	
2.3.1	Workmanship and Material Standards	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. Workmanship for maintenance and repair shall include all work necessary to complete facility and system restoration, including touch-up painting and operational checks. Specific Work Requirements can be found in J-1502000-02. 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. All material, parts, and equipment shall be equal to or better than the manufacturer's original and shall comply with all applicable Government, Commercial, and Industrial Standards and Codes. All replacement items shall be an energy efficient type, unless the system is not compatible with this type. Upon replacing any item of equipment which has an informational sticker or tag affixed, the Contractor shall ensure a similar sticker or tag is affixed to the replacement item. 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.
3.2.2	Commander's Critical Information	The Contractor shall provide notification in accordance with the Public Works Commander's Critical Information Requirements (CCIR) Chart.

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Spec Item	**Title**	**Description**
	Requirement Notification (CCIR)	The Contractor shall make all effort to contact the proper government personnel within an expedited manner for all issues as listed in CCIR Chart The Contractor shall ensure accurate and detailed information is reported. Accurate and detailed information is reported in accordance with the CCIR Chart.
2.3.3	Historical Preservation	Buildings and facilities designated as historical sites shall be maintained in accordance with Federal, State, and local historical policies and regulations.
2.4	References and Technical Documents	References and Technical Documents are listed in J-1502000-03.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3	Recurring Work	The Contractor shall maintain, repair and alter facilities, ground structures, installed equipment, collateral equipment, and systems to ensure they are fully functional and in normal working condition.	The Contractor shall develop, implement, and execute an Emergency, Urgent, and Routine (E/U/R) Work, Maintenance Program, Inspection, Testing, and Certification Program, and Other Recurring Service Program The Contractor shall maintain all maintenance, repair, alteration data, and warranty records in the technical library and CMMS in accordance with Annex 2. The Contracting Officer may request a report at any time and the Contractor shall provide the detailed report within 24 hours as per Section F. The Contractor shall provide all necessary test instruments, equipment, and tools required to perform maintenance and repair. The Contractor shall submit a Monthly Summary Report of E/U/R work requests, Recurring work, and Non-Recurring work scheduled but not completed for the month per Section F. The report shall include all completed E/U/R work requests, Recurring work, and Non-Recurring work for the month. Details shall include at a minimum: 1. Location of work (i.e. building number, equipment number, or asset number) 2. Work type, 3. Work description, 4. Effort expended in total labor hours.	Facilities, ground structures, personal property equipment, installed equipment, collateral equipment, and systems are in normal working condition and function properly in accordance with specified standards. Records and reports are submitted in accordance with deliverable frequencies.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			5. Total material costs The current facility property inventory for FI is provided in J-1502000-04. Site maps are provided in J-1502000-05. The Contractor shall comply with all publications and other pertinent documents referenced in J-0200000-03. These documents shall be acquired and maintained in the technical library.	
3.1	E/U/R Work	The Contractor shall perform E/U/R Work in a timely manner and ensure facilities, ground structures, personal property equipment, installed equipment, collateral equipment, and systems are restored to a safe, normal working condition and function properly.	The Contractor shall receive E/U/R work in accordance with the work reception requirements in Annex 2. The Contractor shall schedule and perform E/U/R work in a way that minimizes disruptions to customers and Government operations. E/U/R work will include a wide variety of work. Sample historical E/U/R work order data is provided in J-1502000-06. Historical E/U/R work data associated with contracts prior to this solicitation may present data that may not be representative of specified requirements. The Government makes no warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of the historical E/U/R work order data. The Contractor shall maintain sufficient materials and equipment on hand to support E/U/R work requirements. Lack of availability of material or equipment will not relieve the Contractor from the requirement	E/U/R work is responded to and completed within the specified time. Facilities, systems, ground structures and other assets are fully functional, in normal working conditions and function properly in accordance with OEM specifications, including recertification if applicable. When a work order is complete the facilities, systems, ground structures and other assets do not present danger to personnel or equipment. Work Orders are signed by the original requestor prior to being closed. Work order properly documented in USMCMAX.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			to complete E/U/R work within the time limits specified. The Government may combine multiple requirements received for the same facility, system, ground structure or other asset at the same time into one work order. Unless otherwise specified, the Contractor has full responsibility for any work up to the work order limit of liability of $2,500 in direct labor and direct material cost per work order. The Government will only pay for the portion of direct labor and/or direct material that exceeds the E/U/R work order limits of liability. The Contractor shall notify the KO upon identification that the work order will exceed the specified limits of liability in accordance with reporting requirements in Annex 2. If non-recurring work is issued for the portion exceeding the specified E/U/R work order limits of liability, the Government will only pay for the portion of direct labor and/or direct material that exceeds the work order limits. Examples of work exceeding the E/U/R Work Order limits of liability: • If a work order requires $2,600 in direct labor and direct material cost, the Government may issue a task order in accordance with the Non-recurring Work portion of the contract for the $100 in direct labor and direct material cost that exceeds the work limit of liability.	

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			E/U/R work will not be issued to accomplish the repairs on systems and equipment maintained under IMP. The Contractor may invoice for completed E/U/R work orders. The Contractor shall not invoice for incomplete work orders and work orders not issued. A modification will be processed at the end of each period of performance to deduct for work orders not issued and incomplete work orders. The deduction will be based on the unit prices specified in Attachment J-0200000-11 ELINs. Work in excess of the above limit may be ordered under the non-recurring work portion of the contract.	
3.1.1	Emergency Work	The Contractor shall perform emergency work orders in a timely manner to ensure facilities, systems, ground structures and other assets are fully functional, in normal working condition and function properly in accordance with specified standards	The Contractor shall perform emergency work 24 hours a day, seven days a week throughout the contract period. The Contractor shall respond to emergency work with the appropriate service personnel and equipment to commence work immediately. Emergency work shall be accepted from any source. Calls from personnel in buildings containing explosives or sensitive computer equipment where constant humidity and temperature levels must be maintained shall be classified as emergency work. The Contractor shall remain at the work site until the emergency has been arrested. If follow-up work is required (after the emergency condition is	Emergency work orders responded to within one hour of receipt of call. Work continues without interruption until emergent conditions are arrested and damage to facilities, systems, ground structures, other assets and personnel is mitigated.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			arrested) to complete the restoration and ensure facilities, systems, ground structures and other assets are fully functional and in normal working condition, the Contractor may request time extension equal to a Routine Work Order. The emergency mitigation and follow-up work shall be considered part of the original work order. Historical data for historical E/U/R workload is shown in J-1502000-06.	
3.1.2	Urgent Work	The Contractor shall perform urgent work orders in a timely manner to ensure facilities, systems, ground structures and other assets are fully functional, in normal working condition and function properly in accordance with specified standards.	The Contractor shall perform urgent work orders without extended delay.	Urgent work orders are completed within five working days.
3.1.3	Routine Work	The Contractor shall perform routine work orders in a timely manner to ensure facilities, systems, ground structures and other assets are fully functional, in normal working condition and function properly in accordance with specified standards.	Performance of routine work orders is not required outside of the Government regular working hours.	Routine work orders are completed within 30 calendar days.
3.1.4	Locksmith	The Contractor shall install, repair, and perform locksmith services on all types of locking devices as requested via E/U/R work or task order.	The Contractor shall be responsible for all locksmith services including, but not limited to, installation and repairs at MCAS and other locations listed in this spec. When directed by E/U/R work or Task Order The Contractor shall provide a journeyman locksmith, who has been the subject of a trustworthiness determination as specified in SECNAVINST	Contractor shall respond to E/U/R work in the time allotted. Serviced locks and associated hardware shall be free of rust, corrosion, dirt, and damaged components. All locks on security containers, vault doors, and Sensitive

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			5510.36 (chapter 10-15), and shall comply with SECNAVINST 5510.36, which provides mandatory security requirements. The locksmith shall be responsible for fabricating parts for old locks and safes; changing combinations on safes and similar units when the combination has been compromised; opening locks and entering locked containers with a minimum degree of damage; lubricating locks and cutting keys. The locksmith shall provide material and information necessary for the Government to update and maintain a Government owned master key system that includes removable cores, and master control system for all keys and key codes for air station facilities. The Contractor shall provide all information and material for rekeyed locks and replacement locks to the Government. The Government shall incorporate Contractor provided material and information into the master key system. The Contractor shall, at no additional cost to the government, correct any damage that occurs during opening operations. INFORMATIONAL NOTES: Locking devices include those on doors, windows, desks, cabinets, vault doors, safes, vehicles, transformer pads, time clocks, and panic hardware. Locking devices also include but are not limited to the following types of locks: padlocks, rim locks, cylinder and mortise locksets, mechanical combination locks, electrified	Compartmented Information Facilities (SCIF) which contain secret or top secret material meet Federal Specification FF-l-2740 as mandated by DOD Regulation 5500.1-R. All repairs, trouble shooting and combinations changes are made in accordance with SECNAVINST 5510.36, or as required by E/U/R Work. Notification of repair work exceeding the E/U/R Work limit is submitted to the Contracting Officer within the specified time limit.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			locks and door releases, electronic access controls, and electro-mechanical locks, as well as all related hardware to assure proper operation. All other locking devices and associated equipment are considered within the scope of this spec. item under this contract. When a combination is changed on a safe, the locksmith shall record the combination in a sealed envelope with safe number and building number stamped on the outside. The locksmith shall then deliver the envelope to the safe custodian in the Public Works Office.	
3.1.5	Traffic Signs	The Contractor shall make all necessary repairs to traffic and street signs as requested by E/U/R Work and task order.	When directed by E/U/R Work or Task Order The Contractor shall provide labor and material necessary to make repairs to, install and remove street signs/posts located on all public right of-ways under the jurisdiction of the MCAS Public Works Division. MCAS Beaufort currently has approximately 500 approved and permanent traffic and street signs. Informational Note: Historically, the repair /replacement of 50 traffic signs and 10 street signs have occurred per year.	Contractor responds to E/U/R work in the time allotted. When work is completed all traffic and street name signs are legible, visible, and effective. Faded, damaged, and missing warning or regulatory signs are replaced within 24 hours after E/U/R Work has been initiated Notification of repair work exceeding the E/U/R Work limit is submitted to the Contracting Officer within the specified time limit. Signs are replaced as required. New or replacement signs shall match the existing signs unless

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
				otherwise directed by the Contracting Officer.
3.1.6	Airplane Sunshades	The Contractor shall make repairs to Airplane Sunshade as requested by E/U/R Work or task order	Airplane Sunshades are listed in J-1502000-07. When directed by E/U/R Work or Task Order The Contractor shall provide labor and material necessary to make repairs to Airplane Sunshades Aircraft Sunshade Preventative Maintenance Program is listed in J-1502000-07.	Contractor responds to E/U/R work in the time allotted. Notification of repair work exceeding the E/U/R Work limit is submitted to the Contracting Officer within the specified time limit. When work is completed the Airplane Sunshades are repaired and operating as designed.
3.1.7	Septic Tank	The Contractor shall make repairs to septic tanks as requested by E/U/R Work or task order	Septic Tanks are listed in J-1502000-08. The Contractor shall check and pump septic tanks as requested by E/U/R Work or task order.	Contractor responds to E/U/R work in the time allotted. Notification of repair work exceeding the E/U/R Work limit is submitted to the Contracting Officer within the specified time limit. When work is completed the septic tanks are repaired and operating properly in accordance with OEM specifications.
3.1.8	Power Line Clearing	The Contractor shall perform power line clearing as requested by E/U/R Work or task order	When requested by E/U/R Work or task order The Contractor shall ensure that all tree limbs are trimmed to a minimum distance of ten feet on either side of the primary and secondary conductors, and a vertical height to extend from ground level to the top of the tree(s), as necessary, are removed.	Contractor responds to E/U/R work in the time allotted. When complete trim limbs no longer pose a danger to power lines.
3.1.9	Gutter Maintenance	The Contractor shall perform maintenance for building gutter systems as requested by E/U/R Work or task order	The contractor will complete 10,000 linear feet of gutter cleaning annually at various buildings on the Air Station and or buildings at Laurel Bay. E/U/R Work will be issued for	Contractor responds to E/U/R work in the time allotted. Work is accomplished per Spec Item 2.3.1, Workmanship and

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			buildings requiring gutter cleaning.	Material Standards.
3.2	Preventive Maintenance (PM) Program	The Contractor shall develop and implement a PM program for facilities, ground structures, personal property equipment, installed equipment, collateral equipment, and systems to ensure proper operation, to minimize breakdowns, and to maximize useful life.	The Contractor shall develop and submit a PM program per Section F. At a minimum, the PM program shall include: • PM management and technical approach • Procedures to evaluate equipment reliability and minimize breakdown maintenance • Job plans to include tasks, frequencies, labor classifications, and estimated labor hours tailored to the technical documentation • Corrosion control procedures • Qualification requirements of the maintenance personnel • Copy of alternate standards used Unless otherwise specified, e.g., UFC for Fire Protection and ASME A17 series for VTE, the maintenance task and frequencies shall be based on industry standards that meet or exceed those specified in the most current version of RS Means Facility Maintenance and Repair, as applicable. If an alternate industry standard is used as a basis of the PM program, a copy of that standard shall be provided as part of the Section F deliverable.	The Contractor's PM program is submitted within 30 days following award. Maintenance is accomplished in accordance with the Contractor's PM program and work schedule. PM is performed in accordance with manufacturers' recommended procedures and OEM standards. Records and reports are submitted in accordance with deliverable frequencies.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor is fully responsible for and shall perform any incidental repairs, including replacement, discovered during scheduled maintenance work up to a total of $1,000 per occurrence in direct labor and direct material cost under the recurring work portion of the contract. Incidental repairs performed under maintenance are not considered E/U/R work. Notification of repair work exceeding the incidental repairs limit of liability shall be submitted to the Contracting Officer within two hours of identification. The Government may issue E/U/R work or non-recurring work for the portion of the repairs exceeding the incidental repairs limits of liability. The Government will only pay for the portion of direct labor and/or direct material that exceeds the specified limits of liability. Example: If an individual occurrence of incidental repair requires $250 in direct labor and/or direct material cost, the Government may issue E/U/R work or non-recurring work in accordance with the non-recurring work provisions of the contract for the $50 in direct	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			labor and/or direct material cost that exceeds the specified incidental repair limit of liability. The Contractor shall not use breakdown maintenance as part of the Preventative Maintenance program. The PM program shall provide an economical approach to accomplish the manufacturers' recommended maintenance in accordance with OEM standards, and maintenance required to satisfy equipment warranties and keep facilities, ground structures, and installed equipment and systems in normal working condition. Excessive or repeated system or equipment breakdowns or deficiencies will be documented, trended and 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. The Contractor shall submit a monthly PM work schedule, PM maintenance and repair status report per Section F. At a minimum, work schedules and repair status shall include: • Description of service(s) or repair to be accomplished	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			• Location (i.e. site and building number) • Date service(s) or repair are scheduled to be accomplished	
3.2.1	HVAC Water Testing and Treatment Services	The Contractor shall provide and implement a HVAC water testing and treatment program to ensure optimum equipment operation and to maximize useful life.	HVAC equipment requiring water treatment services (towers, chillers, heat exchangers, water, ground source units, and etc.) can be found in J 1502000-09. Basic HVAC water treatment requirements can be found in J-1502000-09-01. The Contractor shall develop a HVAC Water Testing and Treatment Program for water cooled chillers over 10 tons and cooling towers per equipment manufacturer's specifications and ASHRAE standards for applicable equipment. The water treatment services will include all open and closed water loops in relation to HVAC equipment. The Contractor shall, prior to the start of each cooling season, clean and flush each cooling tower to remove sediment, scale, algae, and other materials that could foul the chiller. Services shall consist of, but not be limited to, development of a treatment program for each cooling tower; installation of monitoring and treatment equipment; flushing and cleaning of cooling towers; and testing and treatment of circulating water to prevent accumulation by precipitation of scale, corrosion, biological growths, other foreign materials and to provide freeze protection to geothermal closed loop systems that utilize dry fluid coolers and solar hot water systems.	Sampling and testing is accomplished per the Contractor's program and schedule. Test results confirm that cooling or chilled water meets the chemical residual limits per the Contractor's HVAC Water Testing and Treatment Program. Corrosion coupons and dip slides results are within acceptable ranges.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall submit a Safety Data Sheet for each chemical used for water treatment with the Preventative Maintenance Program Plan for water treatment. Operator maintenance shall include the performance of any needed minor adjustments and repairs including repairs to any inline component and piping of the chemical delivery system. The Contractor shall perform any repairs up to $250.00 per occurrence. Dip slides and corrosion coupons will be utilized as needed. Equipment deficiencies which are beyond the scope of operator maintenance shall be noted on Operational Log Sheets. The Contractor shall provide water treatment tests, dip slides and corrosion coupons results reports per Section F.	
3.2.2	Direct Digital Controls	The Contractor shall maintain the DDC systems to ensure proper operation, to minimize breakdowns, and to maximize useful life.	The Contractor shall develop and submit a Direct Digital Controls Preventative Maintenance Program per DDC manufacturer's specifications to the Contracting Officer. List of Direct Digital Controls equipment, components and Points Inventory can be found in J- 1502000-10. The Contractor shall have a thorough operating knowledge of the Direct Digital Controls for	Maintenance is performed in accordance with Contractor's PM program and work schedule. The Direct Digital Control Systems (DDC) is in normal working condition and function properly in accordance with specified standards.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			building control systems including Automated Logic and Trane Tracer Systems and the like. The Contractor shall be able to troubleshoot, repair, and reprogram these systems. Automated Logic Version 3.0 is currently being used for the Energy Management and Control System (EMCS) front-end. The Contractor shall monitor, maintain and repair all Direct Digital Control systems. All building points currently residing on the building controller should be mapped back to the EMCS Servers. The Contractor shall be responsible for Direct Digital Control (DDC) for HVAC and other systems that are being operated by DDC. The Contractor shall be able to operate the DDC system, have knowledge and ability to replace components, map statuses from sensors to the end users' terminals, and be able to make changes to processes as the command directs the change. The contractor shall be knowledgeable of DDC at programmer level. The DDC system is composed of all actuators, all status points, all components, and all software needed to provide communication, operation, and manipulation of the DDC system between the various points and the front end users terminal(s). The DDC system shall allow analog input, analog output, analog data points, binary input, binary output, data points, all other points and processes to be viewed and manipulated by the front end user.	When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			INFORMATIONAL NOTES: Building 426 houses the front-end system for the base wide EMCS system. This system primarily utilizes Automated Logic with some Trane Tracer and Control Systems International equipment.	
3.2.2.1	Facility Related Control Systems (FRCS)	The Contractor shall provide management for FRCS to ensure the controls and building systems are operating properly.	The Contractor shall support government execution of the Cybersecurity Program for all FRCS listed in J-1502000-10 and J-1502000-10-01 per the Cybersecurity Roles and Responsibilities for Facility-Related Control Systems at MCAS Beaufort contained in J-0200000-12. The Contractor shall provide dedicated laptop computers for monitoring and troubleshooting control systems that meet by American Act and government cybersecurity requirements. The Contractor shall coordinate any/all software/hardware configuration changes to FRCS Operational Technology systems (i.e. BCS, UCS, SCADA, EMCS, DDC, etc.) The Contractor shall continually monitor all systems during normal working hours and make adjustments as necessary to ensure all systems are operated in the most energy efficient manner. All adjustments must be in accordance with the government's Cybersecurity Configuration Management guidance. The Contractor shall work jointly with government personnel to test and ensure systems are operational after cybersecurity activities.	All systems are operating within design standards. Any deviations are documented and resolved in a timely manner. Designated Government representative is notified of any outage or inoperable systems and any scheduled work to all FRCS. All FRCS are operating in full automatic mode in accordance with designed sequence of operation. Any overrides/bypass or other methods to bypass full auto are physically tagged accordingly with repair information. Daily reports are made for any system that is in override/bypass/manual or other methods to bypass full auto per Section F. Software is upgraded as required following government Configuration Management guidance in J-0200000-12.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall ensure that Configuration Management is performed in accordance with, and remains in compliance with, government Cybersecurity Program UFC 4-010-06. The Contractor shall respond to and address any FRCS outage within 24 hours of notification (notification means either by automation, through pre-established alarms or by manual means (to include too hot/cold calls) of after physically verifying an emergent field condition). The Contractor shall immediately inform the COR of any issue that cannot be resolved within 24 hours of notification. The Contractor shall provide a report for any system that is in override/bypass/manual or other methods to bypass full auto per Section F. Contractor Shall provide a report for system alarms in FRCS operation or incidence which must be reported per Section F. The Contractor shall perform a root cause analysis and report of any FRCS failure that is repetitive in nature. The term control systems encompass the following at: • Building Control System (BCS) • Direct Digital Controls (DDC) • Energy Management and Controls (EMCS) • Utility Control Systems (UCS) • Supervisory Control and Data Acquisition (SCADA)	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall immediately notify the government of any system access violations or intrusions in order to maintain system network accreditation. The Contractor shall coordinate with the government to schedule and install firmware and software upgrades for all systems at no additional cost to the Government and within 30 days of release. All updates to software/firmware shall be approved by the Government prior to installation. All software updates shall be loaded onto a Government approved, Contractor provided, stand-alone laptop. The Contractor is responsible for maintaining the FRCS Inventory provided in J-1502000-10 and J-1502000-10-01.	
3.2.3	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.	The boiler inventory is provided in J-1502000-11 The Contractor shall develop and implement a Boiler Water Testing and Treatment Program per equipment manufacturer's specifications. The Contractor shall maintain boiler water within the limits specified in Section 3120 of NAVFACINST 11300.37. The Contractor shall submit the Boiler Water Testing and Treatment Program within 30 days following contract award to the Contracting Officer per Section F. The Contractor shall test and treat boiler water in accordance with equipment manufacturer's specifications.	Sampling and testing is accomplished per the Contractor's program and schedule. Test results confirm that boiler water meets the chemical residual limits specified in Section 3120 of NAVFACINST 11300.37A.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall perform any repairs up to $250.00 per occurrence. The Contractor shall submit boiler water treatment test reports to the Contracting Officer as per Section F. For hot water boilers with capacities exceeding 5 MBTU(H) and steam boilers with capacities exceeding 0.4 MBTU(H), samples of feed water, boiler water and condensate shall be tested and certified monthly by an independent laboratory for simultaneous comparison with Contractor analyses. Operator maintenance shall include the performance of any needed minor adjustments and repairs.	
3.2.4	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.	The security systems and equipment inventory is provided in J-1502000-12. Required insurance items are located in J-0200000-06-02. Security systems and equipment include security fencing. Fencing map can be found in J-1502000-05-01. Maintenance shall comply with all OEM requirements and standards. All maintenance and repair shall be performed by personnel trained and certified by the OEM. Contractor responsibility for POP UP barriers and JSF Fence Line maintenance includes power, damage repair, mechanical repair, and electrical/electronic repair.	PM is accomplished per the Contractor's program and work schedule. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property and fencing and security systems provide the affected area with the intended security.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Contractor responsibility also includes the light poles, light bulbs, and camera poles. (EXCLUDING CAMERAS) **Security Fence and Wire Cages:** The Contractor shall ensure that all perimeter fences and transformer security cages are kept in good repair to ensure that unauthorized entry is not made. All gates will be maintained security tight and all hinges and locking devices shall be kept in good working order. Repairs required include but are not limited to the following: repairing holes in the chain link fence and wire cages; stringing of barbed wire and razor wire on top of fence; replacing or resetting of fence support stanchions; replacing or repairing hinges and locking devices; and removal of rust and the painting of fences. The Contractor shall ensure that all interior and exterior fencing is kept in good repair. All repairs are documented and submitted to the Contracting Officer as per Section F.	
3.2.5	Compressed Air Systems	The Contractor shall perform PM on compressed air systems and associated equipment to ensure safe, reliable, uninterrupted service.	The compressed air system inventory is provided in J-1502000-13. The Contractor's PM program shall be developed based on manufacturers' recommended procedures, OEM standards, NAVFAC MO-206, Maintenance and Operation of Air Compressor Plants, and NAVFAC MO-209, Maintenance and Operation of Steam, Hot Water, and Compressed Air Distribution	PM is accomplished per the Contractor's program and work schedule. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Systems, for applicable systems and components. The Contractor shall perform any repairs up to $250.00 per occurrence. Incidental repair work performed under preventative maintenance is not considered an E/U/R Work. All components, including electrical or internal combustion drive engines, damaged or worn pistons, cylinder walls, heads, etc. shall be maintained and repaired. Auxiliary equipment, including air intake filters, silencers, electrical motors, generators, air controls, intercoolers and after coolers, separators, traps, air receivers (unfired pressure vessels), air dryers, other associated components, piping on the inlet and outlet sides of the compressor including blowdown piping shall be maintained and repaired. Any component disassembled for repair shall be thoroughly cleaned and inspected for leaky, worn-out, corroded, and damaged gaskets, air filters, relief valves and seats, tube sheets, baffles, floats or buckets, etc., and appropriate repairs made. Worn, damaged and leaky stems, disks, seals, and gaskets shall be repaired or replaced as required. Any valve disassembled for repair shall be thoroughly inspected for signs of worn or damaged packing and broken, bent,	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			and corroded or missing parts; the bonnet cleaned; the stem lubricated; the system pressure tested after reassembly to ensure that all joints are sealed; and system adjusted to the proper operating pressure. Damaged, bent, deteriorated, leaky drains and compressed air piping shall be repaired or replaced. Damaged, worn, or corroded pressure indicators and gauges shall be repaired or replaced. All other compressed air system related components, whether specifically addressed or not, shall be maintained and repaired.	
3.2.6	Cathodic Protection Systems	The Contractor shall perform maintenance on Cathodic protection systems to ensure proper operation, to minimize breakdowns, and to maximize useful life.	The Contractor shall develop and submit a preventative maintenance program to the Contracting Officer. The Contractor shall submit monthly and quarterly Cathodic protection reports as per Section F. Monthly report can be found in J-1502000-14 and the quarterly report can be found in J-1502000-14-01. Cathodic Protection fuel transfer line inventory can be found in J-1502000-14-02. Cathodic Protection Tank Identification can be found in J-1502000-14-03. A map of Cathodic Test points is located in J-1502000-14-04 The Contractor shall maintain, inspect, and test Cathodic protection systems in accordance with UFC 3-570-06. Maintenance shall comply with all OEM requirements and standards.	Maintenance is performed in accordance with Contractor's PM program and work schedule. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3.2.7	Weight Handling Equipment (WHE)	The Contractor shall perform maintenance on WHE to ensure proper operation, to minimize breakdowns, and to maximize useful life.	Weight Handling Equipment Cranes inventory can be located in J-1502000-15. Boat Lift Maintenance is listed in J-1502000-15-01. The Contractor personnel shall meet the minimum training requirements specified in Section 13 of NAVFAC P-307, Management of Weight Handling Equipment The Contractor shall provide personnel who have all operator licensing and certifications needed to operate all four categories of cranes listed in this specification. The Contractor shall maintain WHE in accordance with manufacturers' recommended procedures, OEM standards, and NAVFAC P-307. Where performance of maintenance or associated repairs requires testing or recertification of WHE, refer to the Spec Item 3.4.3 below for inspection, testing, and certification of WHE.	Maintenance is performed in accordance with Contractor's PM program and work schedule. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property
3.2.8	Lightning Arrestors and Grounding Devices	The Contractor shall perform maintenance in accordance with applicable directives on lightning arrestors and grounding devices to ensure proper operation, to minimize breakdowns, and to maximize useful life.	The lightning arrestors and grounding devices and ATC/Van Pad inventory is provided in J-1502000-16. The Government has installed various types of lightning protection in an effort to protect sensitive systems. The Contractor shall maintain this protection and replace protection components when they are faulty or when they fail. Any installations or modifications performed by the Contractor shall include lightning protection measures The Contractor shall maintain lightning arrestors and	Maintenance is performed in accordance with Contractor's PM program and work schedule. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			grounding devices in accordance with NFPA 780 MIL-HDBK-274 (AS), NAVSEA OP-5, Ammunition and explosives Safety Ashore, and LOI For the Lightning Protection and Grounding Systems Test Plan for Ordnance Facilities. All inspections are performed in a timely manner. At minimum, points are tested every two years with visual inspections every six months.	
3.2.9	Jet Refueling System	The Contractor shall maintain jet refueling systems and facilities to ensure proper operation, to minimize breakdowns, and to maximize useful life.	For jet refueling systems and facilities inventory Refer to J-1502000-17 and J-1502000-17-01. The Contractor shall maintain Jet fuel support systems and equipment in accordance with OPNAVINST 4790.2, Chapter 13 of NAVAIR 00-80T-109, UFC 3-460-03, and NAVFAC MO-230 The Contractor shall inspect and perform repairs on pumps, pump motors, and electrical equipment including valves, hoses, nozzles, and pantograph. Daily, check with operating personnel for any known deficiencies. Perform electrical and mechanical PM and perform repair as needed. USMCMAX will issue PM work authorizations, checkpoints and a recurring work order. Informational Note: These facilities and equipment require daily (D5) service and maintenance.	PM is accomplished per the Contractor's program and work schedule. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property
3.2.10	Swimming Pools	The Contractor shall perform PM on various components including but not limited to associated	The swimming pool facilities are provided in J-1502000-18. The Contractor shall maintain swimming pool water quality per	PM is accomplished per the Contractor's program and work schedule.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		pumps, filtration systems, chemical supply systems, monitoring and maintaining sufficient chemical levels of the swimming pools to ensure proper operation, to minimize pool downtimes and to maximize the pools usefulness.	standards specified in Chapter 4, Section II of NAVMED P-5010-4, Swimming Pools and Bathing Places. The Contractor shall conduct and document water quality tests and submit water analysis reports per Section F. Pool area maintenance services shall be performed so as not to interfere with the scheduled aquatic programs, training, or use of the facilities. **Laurel Bay:** 1) The pool will be minimally chemically treated to prevent growth of algae and maintain water clarity sufficient to see, from all sides of the pool, a 4-inch diameter black on white disk at the floor level of the deepest end of the pool and all main drains. The below are recommended levels provided for reference, however, the performance will be evaluated based on regular visual inspection to the above standard. a. During the off-season chlorine levels will be at approximately 1ppm. (During the summer chlorine levels are kept at 3-5ppm). b. During the off-season pH levels will be maintained at 6.8-7.2. (This will allow the lower chlorine level to effectively oxidize and sanitize the pool during the off-season at minimal cost. The pH is normally	Water quality is continuously maintained both in-season and off-season.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			between 7.2-7.6 during the summer). 2) The CO2 tank levels and chlorine tank levels will be sufficient to maintain water quality in alignment with item 1. 3) The pumps will be run and the filters backwashed as required to maintain water quality in alignment with item 1. **Laurel Bay Pool:** 1) MCAS personnel will vacuum the pool weekly or as required to clear debris. 2) MCAS personnel will brush the pool weekly or as required.	
3.2.11	Arresting Gear (E-28 Gear)	The Contractor shall perform PM on the arresting gear to ensure proper operation, to minimize breakdowns, and to maximize useful life	The arresting gear (E-28 gear) inventory is provided in J-1502000-19. Currently there are 4 sets of arresting gear (E-28 gear) aboard MCAS Beaufort. Each set consists of two each, 65 HP Wisconsin gasoline engines located on runways 05, 23, 14, and 32. Informational Note: Due to the critical nature of the use of this equipment, the following is recommended to ensure proper operation. Historically weekly maintenance consists of checking the oil, belts, filters, glycol pump and belts, gas tank, fuel lines, cleaning the gas filter bowl, checking and filling fuel, checking electrical systems, and cleaning and cranking engines. Oil and oil filters are changed on a semi-annual basis or after 50 hours of operation +/- 5 hours. IAW Maintenance Requirement Card (MRC) OPNAV 4790/85 (Rev 9-97)	PM is accomplished per the Contractor's program and work schedule.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			All repairs shall be documented and submitted to the Contracting Officer as per Section F.	
3.2.12	Emergency Generators	The Contractor shall perform maintenance on auxiliary generators to ensure safe, reliable, uninterrupted service.	The emergency generator and pump inventory is provided in J-1502000-20. Maintenance shall comply with all OEM requirements and standards. The Contractor's PM program shall include periodic automatic or manual startup, run and load test of all emergency generators to ensure operability. The Contractor shall be responsible for setting and removing emergency generators at appointed buildings before and after destructive and inclement weather conditions in accordance with the Station Destructive Weather Plan. This work will be accomplished by E/U/R Work or Non-Recurring work. The Contractor shall provide a generator testing schedule to the Contracting Officer within 30 days after award as per Section F. The Contractor shall submit monthly the Air Quality Report as per Section F. A sample of the report can be found in J-1502000-21-03. The Contractor shall provide continuous 24 hour support of these generators. Minor repairs and maintenance to be included in the Recurring work shall include, but not be limited, to such items as replacing batteries, belts, hoses, pre-heaters, injectors, ignition systems, air cleaners, etc.	PM is accomplished per the Contractor's program and work schedule. Electrical power is provided in a timely manner to meet the demand following an emergency or power outage.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall perform routine maintenance on the generators for scheduled and unscheduled power outages during normal working hours. All other required repairs shall be reported to the government representative immediately and shall become the responsibility of the Contractor to repair, as ordered by the Contracting Officer via E/U/R Work or specific maintenance and repair work. The Contractor shall utilize NAVFAC 11014/38 Inspection Report to report any discrepancies noted or required repair work discovered during Performance of the required maintenance inspections. The Contractor shall maintain a log book of all PM and maintenance actions and coordinate all repair and maintenance with Air Operations. The Contractor shall comply with NAVFAC MO-912.	
3.2.13	Vertical Transportation Equipment (VTE) Automobile Lifts	The Contractor shall perform PM for VTE systems to ensure safe, reliable operation.	The Contractor's PM program shall be developed based on manufacturers' recommended procedures, OEM standards, and MO-118, Inspection of Vertical Transportation Equipment. For certification that is required per ASME A17.1 due to work performed as part of PM, refer to the Spec Item for Inspection, Testing, and Certification of VTE.	PM is accomplished per the Contractor's program and work schedule. When a problem or a need for repair is identified, the Contractor shall respond within one hour and complete the repair within two days. Certifications are up to date. Systems and equipment are maintained and repaired to

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The VTE (Automobile Lifts) system inventory is provided in J- 1502000-23-01. The Contractor responds to all issued E/U/R Work s, and resolve problems external to the Automobile Lifts systems such as return power to the VTE system.	sustain a fully functional and operable system in accordance with OEM specifications. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards
3.2.14	Airplane Sunshades	The Contractor will conduct semi-annual PM, annual PM and bi-annual cleaning of 63 Airplane Sunshades.	The Airplane Sunshade inventory can be found in J-1502000-07. **6 Month PM:** • Check for any loose cables, tighten until snug. • Check all bolts and nuts for proper torque, if loose tighten. • Check lighting. • Check GFI outlet. • Check all fabric for holes, tears, scuffs or scrapes and repair where needed.* *See OEM recommendations for guidance on repairing fabric. **12 Month PM:** • Check fabric for proper tightness. • Tighten threaded rods or buckle straps to tension main fabric, if necessary, until fabric is tight. • Check and tighten any lacing that may have come loose. Pull excess slack and retie. • Check frame for any corrosion and treat with a corrosion inhibitor. Can use a brush and galvanized paint to touch up any corrosion. • Check lighting. • Check GFI outlet.	The Contractor's PM program is submitted within 15 days following award. Maintenance is accomplished in accordance with the Contractor's PM program and work schedule. PM is performed in accordance with manufacturers' recommended procedures and OEM standards. Notification of repair work exceeding the E/U/R Work limit is submitted to the Contracting Officer within the specified time limit. When work is completed the Airplane Sunshades are operating as designed.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Bi-Annual Cleaning: Bi-annually clean the fabric of the sunshades.* *See OEM recommendations for guidance on cleaning the fabric.	
3.2.15	Vertical Lift Fabric Doors	The Contractor shall provide quarterly PM and annual cleaning of Vertical Lift Fabric Doors	The Contractor shall perform quarterly maintenance for vertical lift fabric doors. Inventory and procedure for quarterly PM is provided in J-1502000-33-03. The Contractor shall perform annual cleaning for vertical lift fabric doors. Inventory and procedure for annual cleaning is provided in J-1502000-33-02.	Maintenance and cleaning is accomplished in accordance with the Contractor's PM program and work schedule. When cleaning and maintenance is completed the Vertical Lift Fabric Doors are operating as designed.
3.2.16	Backflow Prevention Devices	The Contractor shall perform PM, prepare, inspect, and test backflow prevention devices to ensure they are safe, fully functional, and operational.	The inventory of backflow prevention devices is provided in J-1502000-25. The Contractor shall comply with inspection, testing, and certification requirements of the applicable regulatory agency and as specified in paragraph 10.6 of UFC-3-230-02, Operation and Maintenance: Water Supply Systems, UG-2029-ENV, Cross-Connection Control and Backflow Prevention Program Implementation at Navy Shore Facilities, and paragraph 8-5.3 of the current version of OPNAVINST 5090.1, Environmental and Natural Resources Program Manual. Inspection and testing should also include: (1) Annual testing of Reduced Pressure Zone (RPZ) and Double Check Valve Assembly (DCA) backflow preventer assemblies; (2) Disassembly, troubleshooting, and repair of RPZ and DCA backflow preventer assemblies to correct problems found during testing;	Testing, inspection, and certification of backflow prevention devices performed and completed in accordance with the inspection, testing, and certification program and schedule. Backflow prevention devices are certified in accordance with UFC-3-230-02, UG-2029-ENV, and OPNAVINST 5090.1. All missing and damaged AVB's are replaced. All inspections and testing are performed once a year. Repairs and annual certification testing are accordance with South Carolina Department of Health and Environmental Controls (SCDHEC) regulations.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			(3) Visual inspections of the ½ "Air Vacuum Breakers (AVB's) and hose bib vacuum breakers listed in the inventory to ensure they are installed and operational; (4) Visual inspection of building potable water piping to ensure cross-connections do not exist; and (5) Report any identified cross-connections to the Contracting Officer by the next business day after discovery of the condition. Repairs identified during preparation for and conduct of inspection, testing, and certification shall be accomplished as an E/U/R Work. or Non-recurring work, as applicable. The Contractor personnel responsible for certifying backflow prevention devices must possess applicable state and local licensing and certification requirements. The Contractor shall coordinate with local contractors for testing and gathering backflow preventer assembly data on newly installed assemblies. The Contractor shall provide a five working days advance notification to the Contracting Officer when backflow prevention devices are ready for testing and certification for coordination with the Government provided inspector per Section F.	Notification of repair work necessary to maintain certification is reported to the Government within one hour of identification. Test records are maintained in accordance with SCDHEC regulations.
3.3	Integrated Maintenance Program (IMP)	The Contractor shall develop and implement an IMP program for facilities, ground structures, installed equipment and systems to ensure they are safe, fully functional, and operational.	The systems and equipment, including associated inventories that shall be included in the IMP are addressed in the IMP Spec Items below and in J-1502000-11, J-1502000-21, J-1502000-21-01, and J-1502000-23. The Contractor shall submit a comprehensive IMP to the	The Contractor's IMP is submitted within 30 days following award. Maintenance is performed in accordance with Contractor's IMP and work schedule.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Contracting Officer per Section F. The IMP shall include the Contractor's approach for Integrated Maintenance, including maintenance and inspection tasks, schedules for planned work accomplishment, plan for minimizing occurrence of downtime, process for the identification of the need for repairs, and the process for scheduling and completing repair work. As part of the IMP, the Contractor has full responsibility for any individual occurrence of repair, including replacement, up to and including $7,500 in direct material and labor costs. The Contractor shall, per Annex 2, notify the Contracting Officer upon identification that the repair will exceed the liability limit listed above. If the estimated cost of the repair exceeds the IMP liability limit, the Government may order the work under the NON-RECURRING WORK section of this contract; however, the Government will only be liable for the amount of cost exceeding the IMP liability limit. Example: If an individual occurrence of incidental repair, including replacement, requires $5,100 in direct labor and/or	When a problem or a need for repair is identified, the Contractor shall respond within one hour and complete the repair within two days Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Work is accomplished per Spec Item 2.3, Workmanship and Material Standards When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			direct material cost, the Government may issue non-recurring work in accordance with the non-recurring work provisions of the contract for the $100 in direct labor and/or direct material cost that exceeds the specified incidental repair limit of liability. The Contractor shall perform all repairs, whether identified as part of their routine IMP accomplishment, QC inspections, or notification from the Government that a breakdown or malfunction has occurred. If the Government identifies a problem or a need for repair, the Government will contact the work reception desk. E/U/R work will not be issued for accomplishment of repairs on systems and equipment maintained under IMP. Historical data on IMP repairs is provided in J-1502000-24. The Contractor shall submit a monthly IMP work schedule, IMP maintenance and repair status report per Section F. At a minimum, work schedules and repair status shall include: • PM management and technical approach • Procedures to evaluate equipment reliability and minimize breakdown maintenance	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			• Job plans to include tasks, frequencies, labor classifications, and estimated labor hours tailored to the technical documentation • Corrosion control procedures • Qualification requirements of the maintenance personnel • Copy of alternate standards used Unless otherwise specified, e.g., UFC for Fire Protection and ASME A17 series for VTE, the maintenance task and frequencies shall be based on industry standards that meet or exceed those specified in the most current version of RS Means Facility Maintenance and Repair, as applicable. If an alternate industry standard is used as a basis of the PM program, a copy of that standard shall be provided as part of the Section F deliverable.	
3.3.1	HVAC and Refrigeration Systems	The Contractor shall maintain HVAC and refrigeration systems to ensure proper operation, to minimize breakdowns, and to maximize useful life.	The Contractor shall maintain the HVAC, refrigeration system, and miscellaneous equipment inventory per manufacturer's recommendations, NAVFACINST 11300.37A, Center for Disease Control Air Quality Requirements, 29 CFR, and current American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) standards for the HVAC. Miscellaneous systems information is listed in J-1502000-21. Included in the Miscellaneous systems is a list of 18 air handlers that require monthly filter changes. List of HVAC equipment can be found in J-1502000-21-01.	Maintenance is performed per Contractor's IMP and work schedule. All incidents of inoperative systems, equipment, or components are responded to within two hours of when they are found to be defective. HVAC and refrigeration systems are maintained at the required temperature. HVAC and refrigeration systems follow environmental regulations.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Refrigeration systems include walk-in freezer and refrigerated boxes; ice makers, air dryers, water coolers, and various other miscellaneous equipment. Temperature settings for HVAC and refrigeration systems can be found in J-1502000-21-02 along with the Guidance for Temperature and humidity Settings document. The Contractor shall not vent or otherwise dispose of any 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 Annual and semiannual PM inspections for HVAC equipment are to be scheduled to coincide with the periods immediately prior to the heating and cooling seasons. Air Quality inspections shall be conducted as per section J-1502000-21-03 Twice daily AM/PM HVAC reports are required as per Section F. Daily Report form can be found in J-1502000-21-04. The Contractor shall be responsible for all condensate drain pans, piping and lines,	Conditioned spaces are continuously maintained at the temperature(s) specified. Air quality in conditioned space meet EPA and ASHREA air quality standards.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			insulation materials, valves, traps, brackets, supports, flanges, hardware, and other related components. These components shall be maintained from the equipment (the point source) to the point that the water discharges into a floor drain or other connecting drain system, or to that point that the drain piping or line begins passage through a wall or floor. HVAC systems also includes, in addition to equipment listed in J-1502000-21-01, but not limited to all return, relief and smoke dampers regardless of damper location, all valves on chilled water, heating hot water, condenser control and steam lines associated with HVAC systems. The system provides clean conditioned air and encompasses all associated equipment (components), elements, devices, parts, media, and filters, including High Efficiency Particulate Air (HEPA) type and high efficiency filters, needed to ensure proper system operation. Monitor entire system to ensure proper operation at all times. The Contractor shall provide nondestructive testing of chiller tubes as needed. The Contractor shall properly prepare a DD Form 1348 for each equipment item that the Contracting Officer determines to be in excess or no longer required on station (includes small appliances). Any ODS inside of the excess equipment shall be removed for use on government property. Hermetically sealed	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			equipment shall be labeled "CONTAINS ODS." The Contractor shall maintain records on ODS recovered from small appliances prior to their disposal and include this information as part of the required report. HVAC personnel must maintain at a minimum, current refrigerant usage certification IAW 40CFR82 and comply with Title VI of the Clean Air Act. The Contractor shall maintain the inventory of equipment and processes in this contract which require the use of ozone-depleting substances (Class I & II). All Class I ODS recovered from Government equipment shall be stored on station for use in station equipment. Any excess Class I ODS removed from station equipment or contaminated Class I ODS shall be turned over to the Government IAW OPNAVINST 5090.2A. Class I ODS shall not leave Government custody. The Contractor shall fill out a DD Form 1348, certify the contents (R11, R12, etc.) of the ODS cylinder by typing a statement on the DD Form 1348, and bring the cylinder to an assigned location at the Supply Department on station. Regular approved commercial cylinders shall be used for all ODS storage and use requirements. The Contractor is required to keep The Contracting Officer informed of unusable/contaminated ODS container requirements to ensure an adequate quantity of	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			containers are available to fulfill contract requirements.	
3.3.1.1	Water Source and Ground Source Heat Pump Systems	The Contractor shall furnish services for the maintenance and repair of Water Source and Ground Source Heat Pump Systems.	Manufacturer recommended PM's will be performed by the Contractor on these buildings. See USMCMAX and J-1502000-21, Water Source and ground source heat pump systems. INFORMATIONAL NOTE: The Trane Energy Savings Performance Contract (ESPC) has installed over 1,500 tons of ground source heat pumps in 37 buildings. Most of these systems have closed condenser water loops with vertical heat exchangers inserted 300 to 600 feet in the ground. Some systems have dry fluid coolers in series with the heat exchangers. One barracks facility exchanges condenser loop heat with the potable water distribution system via a plate frame heat exchanger during the Winter, Spring and Fall. This same system utilizes a cooling tower in the Summer.	Water source and ground source heat pump systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications and manufacturer's instructions. Freeze protection for dry fluid coolers is performed when required.
3.3.2	Boilers and UPVs	The Contractor shall perform maintenance on boilers, UPVs and associated equipment to ensure proper operation, to minimize breakdowns, and to maximize useful life.	The Contractor shall develop and implement an IMP program for Boiler maintenance. This IMP program shall include performance of annual boiler overhaul, including repairs necessary for certification, as specified in UFC 3-430-07 and UFC 3-410-01. The boiler inventory is provided in J-1502000-11. The Contractor personnel working on boilers and associated systems must possess applicable state and local licensing and certification requirements. The Contractor shall comply with minimum attendance requirements as specified in	Maintenance is performed in accordance with Contractor's IMP program and work schedule. Ensure that all tank or UPVs have up to date certifications. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel or property

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Section 3150 of NAVFACINST 11300.37, Energy and Utilities Policy Manual, Marine Corps Order (MCO) P11000.9.c or latest version, Manufacturer's instructions, industrial standards and national codes, and procedures outlined in NAVFAC publication MO-205, MO-209, MO-321 and MO-322, MO 324, or Military Instruction 1152 and 29 CFR 1910 as applicable. The Contractor shall ensure that sufficient fuel is available for boiler operations at all times. The Contractor shall initiate fuel orders, receive fuel from tanker trucks, transfer to storage tanks, and make all operational fuel transfers. The contractor shall provide a fuel usage report monthly to the Station Utilities Director. The Contractor shall provide Fuel Usage and Readings report as per Section F. The Contractor shall comply with all Federal regulations pertaining to fuel operations. The Contractor shall maintain standard operating procedures (including safety procedures and operating log) in each boiler room in accordance with MCO P11000.9C, PAR 2201.2.	
3.3.2.1	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.	The boiler inventories are located in J-1502000-11. The Contractor shall perform start-up and shutdown when directed by the Contracting Officer. The boilers listed are normally shut down 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	Seasonal start-up and shutdown work must be completed within three working days of the specified start date for equipment in individual buildings, or within 10 working days if services are ordered for all systems at the same time.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			price is made regardless of the actual length of the season. The Contracting Officer will advise the Contractor of the specific date or dates when such services should begin to be accomplished. The Contractor shall repeat start-up and shutdown of each designated boiler system as required by the Contracting Officer.	
3.3.3	Vertical Transportation Equipment (VTE) (Elevators)	The Contractor shall provide an IMP for VTE systems to ensure safe, reliable operation.	The Contractor's IMP program shall be developed based on manufacturers' recommended procedures, OEM standards, and MO-118, Inspection of Vertical Transportation Equipment. For certification that is required per ASME A17.1 due to work performed as part of IMP, refer to the Spec Item for Inspection, Testing, and Certification of VTE. The VTE system inventory is provided in J-1502000-23. The Contractor responds to all issued E/U/R Work, possess the ability to rescue individuals that become trapped in elevators and resolve problems external to the elevator systems such as return power to the VTE system.	Maintenance is accomplished in accordance with Contractor's IMP and work schedule. IMP is accomplished per Contractor's program and work schedule. When a problem or a need for repair is identified, the Contractor shall respond within one hour and complete the repair within two days.
3.4	Inspection, Testing, and Certification Program	The Contractor shall provide inspection, testing, and certification services to ensure in service equipment is safe for use by personnel.	The Contractor shall develop and submit the following: (1) Inspection, testing, and certification program, (2) monthly summary report, and (3) monthly schedule to the Contracting Officer as per Section F. Incidental repair work performed is not considered an E/U/R Work.	Certifications are completed as scheduled. All certifications are current. The Contractor shall certify the equipment poses no danger to the

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall assist and cooperate in routine facility inspections performed by technical representatives of the Government, local or state environmental quality regulatory agencies, the EPA or other inspections scheduled through the Contracting Officer. This assistance may include, but is not limited to, testing, operating, or disassembling equipment or systems. The Contractor shall provide an inspection report for any defects observed during Preventative Maintenance inspections to the Contracting Officer no later than two working days following the inspection per Section F. The inspection report for any defects observed shall identify any problems discovered and include an estimate of labor and materials to correct the problem if required work exceeds the PM or IMP liability.	area or space where the equipment is located. The equipment or system shall be fully functional and operational and ready for use when required. Testing, inspection, and certification services performed and completed in accordance with the inspection, testing, and certification program and schedule. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards
3.4.1	Vertical Transportation Equipment (VTE) (Auto Lifts)	The Contractor shall prepare, inspect, test, and operate VTE systems to support Government certification.	The VTE system inventory including date of latest certification is provided in J-1502000-23-01. 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 days advance notification to the Contracting Officer as per Section F, when VTE will be ready for testing and certification for coordination with the Government provided inspector. The Contractor shall provide a qualified inspector for certification of VTE. Paragraph 1.3 of NAVFAC MO-118, Inspection of Vertical	Notification of repair work necessary to maintain certification is reported to the Government within one hour of identification. VTE prepared for inspection and certification in accordance with NAVFAC MO-118. VTE inspection and testing is completed when due. Inspection and testing of VTE performed and completed in accordance with the inspection and testing program and schedule.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Transportation Equipment, specifies the qualification, certification, and training requirements for all Contractor employees that perform inspections, witness tests, prepare reports, and issue certificates. 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 Public Works office. If the certificate is on file in Public Works office, a notice will be posted in the car stating where the certificates can be found. For repairs to systems and equipment maintained under IMP, refer to the IMP Spec Item. For repairs to systems and equipment of VTE inventory that is maintained by PM, the contractor shall work up the limit of liability for PM equipment. The Contractor shall submit the Inspection and Test Report for Vertical Transportation Equipment (VTE) per Section F.	.
3.4.2	Fall Protection Systems	The Contractor shall prepare, inspect, and test and certify the Fall Protection Systems (FPS).	The FPS system inventory and maintenance related information is provided in J-1502000-40. The Contractor shall perform all inspections and tests for certification. The Contractor shall submit an Inspection and Test Report for the Fall Protection Systems per Section F.	Certifications are maintained and current. Notification of repair work necessary to maintain certification is reported to the Government within one hour of identification.
3.4.3	Weight Handling Equipment (WHE)	The Contractor shall prepare, inspect, and test and certify the	Weight Handling Equipment Cranes inventory can be located in J-1502000-15.	Testing, inspection, and certification of WHE performed and

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		Weight Handling Equipment (WHE).	The Contractor shall comply with all Federal requirements and NAVFAC P-307 to properly test and maintain the WHE. The Contractor shall provide personnel who have certifications to operate all four categories of cranes. The Contractor shall perform all certification testing in the presence of the Government certifying official. The Contractor shall provide five working days advance notification to the Contracting Officer when WHE is ready for testing and certification for coordination with the Government provided inspector per Section F. The MCAS Beaufort Public Works Officer is the certifying official for WHE. The Contractor shall continue the schedule for inspection and testing currently used. Load tests shall be observed by a Government representative. Load test reports shall be signed by the Contractor's test personnel, initialed by the Government observer, and submitted to the certifying official. After the certifying official has signed the reports, the Contractor shall post the report at each hoist. 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	completed in accordance with the Inspection, Testing, and Certification Program and Schedule. WHE prepared for inspection and certification in accordance with NAVFAC P-307

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			NAVFAC P-307, Management of Weight Handling Equipment. Contractor personnel shall meet the minimum training requirements specified in Section 13 of NAVFAC P-307, Management of Weight Handling Equipment. Repairs identified during preparation for and conduct of inspection, testing, and certification shall be accomplished as an E/U/R Work or Non-Recurring work, as applicable. The Contractor shall submit the Certification of Load Test and Crane Condition Inspection Record per Section F.	
3.4.4	Vertical Transportation Equipment (Passenger Lifts)	The Contractor shall prepare, inspect, test, and operate VTE systems to support Government certification.	The VTE system inventory including date of latest certification is provided in J-1502000-23. 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 days advance notification to the Contracting Officer as per Section F, when VTE will be ready for testing and certification for coordination with the Government provided inspector. The Contractor shall provide a qualified inspector for certification of VTE. Paragraph 1.3 of NAVFAC MO-118, Inspection of Vertical Transportation Equipment, specifies the qualification, certification, and training requirements for all Contractor employees that perform inspections, witness tests, prepare reports, and issue certificates.	Notification of repair work necessary to maintain certification is reported to the Government within one hour of identification. VTE prepared for inspection and certification in accordance with NAVFAC MO-118. VTE inspection and testing is completed when due. Inspection and testing of VTE performed and completed in accordance with the inspection and testing program and schedule.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			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 Public Works office. If the certificate is on file in Public Works office, a notice will be posted in the car stating where the certificates can be found. For repairs to systems and equipment maintained under IMP, refer to the IMP Spec Item. For repairs to systems and equipment of VTE inventory that is maintained by PM, the contractor shall work up the limit of liability for PM equipment. The Contractor shall submit the Inspection and Test Report for Vertical Transportation Equipment (VTE) per Section F.	
3.4.5	Boilers and Unfired Pressure Vessels (UPVs)	The Contractor shall clean, prepare, and operate boilers and/or UPVs to support certification.	The boiler and UPV inventory is provided in J- 1502000-11. The Contractor shall prepare boilers and/or UPVs for testing, inspection, and certification in accordance with the National Board of Boiler and Pressure Vessel Inspectors Code, UFC 3-410-06, and UFC 3-430-07. The Contractor shall assist the Certified Boiler Inspector in performing the testing for certification. The Contractor shall immediately void any boiler inspection safety certificates upon the discovery of a safety deficiency regardless of the expiration date on the certificate. The certificate will again be	Testing, inspection, and certification of boilers and/or UPVs performed and completed in accordance with the Inspection, Testing, and Certification Program and Schedule. Boilers and/or UPVs are promptly returned to service upon issuance of certification. Boilers and/or UPVs are prepared for inspection and certification in accordance with UFC 3-410-06 and UFC 3-430-07.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			valid only after the deficiency has been corrected by the Contractor and the boiler has been re-certified. The Contractor shall thoroughly clean and prepare the system boilers and/or UPVs for testing and certification. The Contractor shall return boilers and/or UPVs to service upon issuance of certification. The Contractor shall refrain from operating a, boiler and/or UPV without a valid NAVFAC inspection certificate. The Contractor shall perform all certification testing in the presence of the Government Certified Boiler Inspector. The Contractor shall operate the boilers during the certification as required by the Government inspector. All boilers and/or UPV will be inspected and certified by the Government in accordance with NAVFAC MO-324. Units for which certification has been withheld shall not be operated without the written concurrence of the Contracting Officer. Hydrostatic pressure testing for certification shall be performed by the Contractor. The Contractor shall provide a qualified operator to standby and provide assistance as required. The Contractor shall perform all certification testing in the presence of the Government Certified Boiler Inspector. The Contractor shall provide a 5 calendar day advance notification to the Contracting	When a repair can be schedule, the Contractor has provided the Contracting Officer a NOTICE OF INTERRUPTION TO SERVICE, at least 10 working days prior to interruption. Notification of repair work necessary to maintain certification is reported to the Government within one hour of identification.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Officer when boilers and UPVs will be ready for testing and certification for coordination with the Government provided Inspector per Section F. 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. When the repair results in an interruption of service, the Contractor shall submit a repair schedule indicating the time and duration of the shutdown of the boiler or UPV to the Contracting Officer for approval per Section F. Work affecting the structural integrity of the boiler or UPV shall be performed only when directed by the Contracting Officer and in accordance with written procedures approved by the Government certified boiler inspector. Completed work will be inspected by the Government certified boiler inspector prior to returning the affected unit to operation. The cause of operational emergencies are identified and the estimated time to restore proper operation shall be calculated. The Contractor shall maintain files of inspection reports and inspection certificates The Contractor shall provide files for Government review and inspection when requested.	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3.4.6	Back Flow Prevention Devices	The Contractor shall prepare, inspect, and test backflow prevention devices to ensure they are safe, fully functional, and operational.	The inventory of backflow prevention devices is provided in J-1502000-25. The Contractor shall comply with inspection, testing, and certification requirements of the applicable regulatory agency and as specified in paragraph 10.6 of UFC-3-230-02, Operation and Maintenance: Water Supply Systems, UG-2029-ENV, Cross-Connection Control and Backflow Prevention Program Implementation at Navy Shore Facilities, and paragraph 8-5.3 of the current version of OPNAVINST 5090.1, Environmental and Natural Resources Program Manual. Inspection and testing should also include: (1) Annual testing of Reduced Pressure Zone (RPZ) and Double Check Valve Assembly (DCA) backflow preventer assemblies; (2) Disassembly, troubleshooting, and repair of RPZ and DCA backflow preventer assemblies to correct problems found during testing; (3) Visual inspections of the ½ "Air Vacuum Breakers (AVB's) and hose bib vacuum breakers listed in the inventory to ensure they are installed and operational; (4) Visual inspection of building potable water piping to ensure cross-connections do not exist; and (5) Report any identified cross-connections to the Contracting Officer by the next business day after discovery of the condition. Repairs identified during preparation for and conduct of inspection, testing, and certification shall be accomplished as an E/U/R Work. or Non-recurring work, as applicable.	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor personnel responsible for certifying backflow prevention devices must possess applicable state and local licensing and certification requirements. The Contractor shall contact the MCAS Utilities Section of Public Works for support when performing testing and certification of backflow preventers. The Contractor shall maintain the existing computerized Cross-Connection Control Program. This program is located on the local area network at S:\MCAS Command\S 4\Public Works\BFP - PWU\bfp.mdb. The Government will provide training on this database to the service provider. The Contractor shall coordinate with local contractors for testing and gathering backflow preventer assembly data on newly installed assemblies. The Contractor shall provide a five working days advance notification to the Contracting Officer when backflow prevention devices are ready for testing and certification for coordination with the Government provided inspector per Section F.	
3.4.7	Storm Drainage Systems	The Contractor shall inspect and provide support for certification of storm drainage systems to ensure proper operation.	Weekly Inspections: The Contractor shall inspect Contractor Operated and MCAS tenant Facilities to ensure Storm Water Management and Pollution Prevention Compliance. Site maps for storm drains are found in J-1502000-05-02.	Certifications are maintained and current. Storm drainage system inspection, testing, and certification is completed when due. Notification of repair work necessary to maintain operation

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall inspect areas around all equipment that has the potential of leaking or causing a spill, areas where spills and leaks have occurred in the past, material storage and handling areas, HW staging areas and storm water drain areas for evidence of pollutants entering the drainage system. Inspections shall be documented in a log. At a minimum the following information should be provided: 1) when the inspection was done, 2) who conducted the inspection, 3) what areas were inspected, 4) what problems were found, 5) what steps taken to correct any problems including who has been notified to correct the deficiency, and 6). when the problem has been corrected. Quarterly Inspections: On a quarterly basis, Contractor shall inspect Contractor Operated and tenant Facilities per station's Storm water Pollution Prevention Plan and Quarterly Best Management Practices Inspection's Checklist. Submit completed checklist as per station's Storm Water Pollution Prevention Plan (SWPPP) to the Contracting Officer one week prior to the end of the quarter as per section F.	is reported to the Government within one hour of identification.
3.5	Other Recurring Services Program	The Contractor shall develop and implement another recurring services program for facilities, ground structures, personal property equipment and installed equipment and systems, and collateral equipment and systems to ensure proper operation, to minimize breakdowns,	Other recurring services include, but not limited to the following services required, e.g., grease traps, and exhaust hoods and ducts. Additional services are listed below. The Contractor shall submit an Other Recurring Services Program Summary Report to be included in the Monthly Summary Report as per Spec Item 3.	Other recurring services are accomplished in accordance with the Contractor's program and work schedule. Services are performed in accordance with manufacturers' recommended procedures and OEM standards. Systems and equipment are maintained and repaired to sustain a

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		and to maximize useful life.	The Contractor is fully responsible for and shall perform any repairs, including replacement, whether discovered during scheduled maintenance or as identified by The Government. Repairs identified by The Government will be categorized as urgent or routine as per J-150200-01 Definitions and Acronyms. The Contractor shall respond to and complete all urgent and routine work within the specified times as per Spec Item 3.1.2 and 3.1.3. The Contractor shall perform any repairs up to $1,000 per occurrence for all items under Spec Item 3.5 (unless otherwise noted in the Related Information). Incidental repair work performed under preventative maintenance is not considered a E/U/R Work . The Contractor shall submit a monthly work summary report for each of the following Spec Items as per Section F.	fully functional and operable condition in accordance with OEM specifications. Work is accomplished per Spec Item 2.3, Workmanship and Material Standards. When repair is complete the facility, system, or equipment does not present any hazard or danger to personnel.
3.5.1	Exterior Lighting Systems	The Contractor shall develop and implement a program to inspect, revamp, and make all necessary repairs to exterior lighting systems to ensure trouble-free lighting.	Exterior lighting inventory and locations is provided in J-1502000-26. The Contractor shall submit a program to inspect, revamp, and make all necessary repairs to exterior lighting systems as per Spec Item 3.5. Cleaning shall coincide with revamping. The Contractor shall also inspect all exterior lighting at MCAS and Laurel Bay, monthly at night, to determine lights that are not properly operating. The Contractor shall repair all lights to proper operating condition. If for any reason there are lights that cannot be repaired within	The Contractor's exterior lighting systems program is submitted within 30 days following award. At least 95% of fixtures per facility are required to be functioning at all times. Exterior lighting systems are maintained per Contractor's program and schedule

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			stated limitations a report shall be given to the Contracting Officer listing the failed lights, the cause of failure, the reason for not repairing the lights, and the estimated cost of repair. E/U/R Work will then be issued for the repair unless the costs exceed E/U/R Work limitations. The Contractor shall repair and maintain ball field lighting including all light poles in excess of 100 foot in height and/or less at the MCAS and LB. The Contractor shall submit a monthly work summary report as per Section F.	
3.5.2	Grease Traps	The Contractor shall clean designated grease traps and remove and dispose of grease to ensure they function properly.	The grease trap inventory is listed in J-1502000-27. The Contractor shall submit a schedule for cleaning and sanitizing designated grease traps as per Spec Item 3.5 The Contractor shall perform any repairs up to $250.00 per occurrence. Incidental repair work performed under preventative maintenance is not considered an E/U/R Work. The Contractor shall dispose of grease in accordance with environmentally approved procedures. The Contractor shall submit a monthly work summary report as per Section F.	Grease traps are cleaned in accordance with Contractor's work schedule. Grease traps are clean and free of grease on baffles, perforated surfaces, and all other removable parts and function to meet the intended purpose.
3.5.3	Airfield Lighting Systems	The Contractor shall develop and implement a program to inspect, revamp, and make all necessary repairs to airfield lighting systems to ensure continual trouble-free lighting.	The Contractor shall submit a schedule to inspect, revamp, and make all necessary repairs to airfield lighting systems as per Spec Item 3.5 Airfield Lighting maintenance information can be found in J-1502000-28 and J-1502000-39.	All lights are free and clear of obstructions. Airfield lighting systems are maintained per provided maintenance schedule.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Information regarding the installation of new LED lighting can be found in J-1502000-28-01. Warranty information for the new LED lighting can be found in J-1502000-28-02 The Contractor shall make provisions with a local supplier or maintain in stock an adequate supply to repair all maintenance components. The Contractor will provide a log book in all lighting vaults as per J-1502000-28. The log book requirements are provided in Section F. Repairs shall be worked until completed. The Contractor shall submit a monthly work summary report as per Section F.	Airfield lighting systems are working and functional at all times.
3.5.4	400 Hz Converters	The Contractor shall develop and implement a program to inspect and make all necessary repairs to converters to ensure continual operation of the 400 Hz Converters.	The Contractor shall submit a schedule to inspect, and make all necessary repairs to 400 Hz converters systems as per Spec Item 3.5. The Contractor shall be responsible for the maintenance inspection and minor repairs to the 400 Hz converters listed in J-1502000-29. The Contractor shall utilize the NAVFAC11014/38 Inspection Report to note any discrepancies or required repair work discovered while performing the inspection. The Contractor shall submit a monthly work summary report as per Section F.	Converters are maintained per Contractor's program and schedule. All converters operate and function properly to support intended use.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3.5.5	Storm Drainage Systems	The Contractor shall clean storm drainage systems and remove and dispose of debris to ensure they function properly.	The Contractor shall submit a schedule to inspect and perform work to keep the storm drainage systems clear and free of debris as per Spec Item 3.5. The Contractor shall be responsible for the maintenance and repair to the storm drainage systems. The Contractor shall remove all obstructions (foreign and vegetative) to water flow from all ditched and drainage areas. Maps are located in J-1502000-05. Services shall include maintenance of drainage ditch lines and grade, cleaning clogged sewers, replacing damaged pipes and manholes, etc. to ensure free flow of water. The Contractor shall submit Quarterly Storm Water Best Management Practices Check List form to the Contracting Officer as per Section F. A sample form is located in J-1502000-31-15. Historically, this has been accomplished annually in the fall and more often if necessary as a result of silt and debris accumulation. The Contractor shall submit a monthly work summary report as per Section F.	Storm drainage systems are cleaned per Contractor's approved schedule. Storm drainage systems are kept clean and free of debris and function properly to support intended use.
3.5.6	Fuel Storage Tanks/Facilities	The Contractor shall develop and implement a program to inspect and make all necessary repairs to fuel storage tank/facilities to ensure continual operation.	The Contractor shall submit a schedule to inspect, and make all necessary repairs to Fuel Storage Tanks and Facilities as per Spec Item 3.5 The inventory for storage tanks are located as follows: Fuel tanks J-1502000-30 Oil tanks J-1502000-30-01	Fuel storage tanks/facilities are maintained per Contractor's program and schedule. All fuel storage tanks/facilities function to meet the intended purpose.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Used oil tanks J-1502000-30-02 AFFF tanks J-1502000-30-03 LPG tanks J-1502000-30-04 and EG tanks J-1502000-30-05 The Contractor shall inspect each tank/facility for leaks, corrosion, inadequate or improper pipefitting, drains, and adequacy of spill containment structures. The inspections are to be noted in an inspection log kept on site. The logs are to be kept with the drainage logs and any inventory reports. Each time the overfilled protection is tested, the results shall be documented on a checklist. Any repairs, regardless of who performs repairs, to tanks or secondary containment shall be put in a log with the checklists for future review. Leaking tanks or secondary containment shall be reported within 15 minutes of observations to the Contracting Officer for arrangements of repairs. The Contractor shall perform any repairs up to $250.00 per occurrence. Any repairs, other than normal maintenance i.e., valve maintenance, corrosion prevention, required or identified on the tanks or secondary containment, must be reported to the Contracting Officer within 15 minutes for corrective action. Detection and Protection Devices:	Fuel oil management complies with Federal, state and local statutes and regulations, and with DoD and Navy policies, instructions and guidance.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Operate and maintain tank release detection and overfill and corrosion protection devices. The Contractor shall perform maintenance as necessary to ensure proper operation. Historically, these inspections have been performed on a weekly and monthly basis with logged data from each inspection. The Contractor shall submit to the Contracting Officer the following Reports as per Section F: Stand by Fuel Usage Report J-1502000-31-01 Fuel Tank Readings J-1502000-31-02 Tank Inspection Monthly J-1502000-31-03 Tank Overfill Protection System Checklist J-1502000-31-04 Tank Integrity Test J-1502000-31-05 Tank Visual Inspection J-1502000-31-06 Transfer Pipeline Biweekly Check J-1502000-31-07 Transfer Pipeline Annual J-1502000-31-08 Pipeline Pressure Test J-1502000-31-09 Facilities Monthly Inspection J-1502000-31-10 Facility Annual Inspection J-1502000-31-11	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Spill Containment and Drainage System J-1502000-31-12 Secondary Containment Drainage J-1502000-31-13 The Contractor will also be responsible for scheduling in USMCMAX and performing API 653 integrity tests of fuel storage tanks not under the cognizance of the Station Fuels Division. Tanks requiring inspection are 432, 433, 1222, 941, and 942. The Contractor shall submit a monthly work summary report as per Section F.	
3.5.6.1	Spill Boom	The Contractor will clean and repair the spill boom annually.	The contractor will remove the spill boom from the water and: 1. Scrape/remove all marine growth for the entire length of the permanent boom 2. Inspect all hardware, attachments, and anchoring components 3. Repair/replace any components that are loose, damaged or missing 4. Provide a brief write-up or report to NREAO to indicate overall condition of the boom and its components, what was replaced or repaired, etc. as per Section F. Spill Boom Maintenance is located J-1502000-15-02.	The spill boom is free of all marine growth or any other material that would interfere with its intended purpose. The spill boom is maintained in a mechanical condition to function in its intended purpose.
3.5.7	Bachelor Quarters	The Contractor shall develop and implement a program to inspect and make all necessary repairs to bachelor quarters to	Bachelor quarters locations are found in J-1502000-32. The Contractor shall submit a program to inspect and make all necessary repairs to bachelor quarters as per Spec Item 3.5.	Bachelor Quarters are maintained per Contractor's program and schedule. All operating equipment, systems,

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		ensure continual habitability and operation.	The Contractor shall perform minor or routine maintenance. Minor or routine maintenance requirements shall include but are not limited to: adjustment and/or repair of various items of work identified in the BZ Manger's log. Typical repairs and/or replacement items include, but not limited to, faucets, lavatories, restroom hardware, ceiling tile, showerheads, drinking fountains, toilets, urinals, deep sinks, washer hookups, drains, door locks, emergency exit hardware, electrical outlets, light switches, switch covers, ceiling fans, window blinds, smoke detectors and interior or exterior light fixtures. The Contractor shall submit a monthly work summary report as per Section F.	and structures affiliated with bachelor quarters are operable and functional to support the intended use.
3.5.8	Aircraft Hangar and Squadron Administration Spaces	The Contractor shall develop and implement a program to inspect and make all necessary repairs to aircraft Hangars and Squadron administration spaces to ensure continual operation.	The Contractor shall submit a program to inspect and make all necessary repairs to aircraft Hangar and squadron administration spaces as per Spec Item 3.5. The Aircraft Hangar and Squadron spaces locations are found in J-1502000-33 and associated doors are found in J-1502000-33-01. The Contractor shall perform minor or routine maintenance. Minor or routine maintenance requirements shall include but are not limited to inspection, adjustment and/or repair of various items of work identified by the daily SP check of the Squadron Logistics Officer's (S-4) maintenance log. Typical repairs and/or replacement items can be, but are not	Aircraft Hangar and Squadron Administration spaces are maintained per Contractor's program and schedule. All operating equipment, systems, and structures affiliated with Aircraft Hangars and Squadron Administration Spaces are operable and functional to support the intended use.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			limited to, faucets, lavatories, restroom hardware, ceiling tile, showerheads, drinking fountains, toilets, urinals, deep sinks, washer hookups, drains, door locks, emergency exit hardware, electrical outlets, light switches, switch covers, ceiling fans, window blinds, and interior or exterior light fixtures. The Contractor shall submit a monthly work summary report as per Section F.	
3.5.9	Off-Peak Ice Storage Systems	The Contractor shall furnish services for the maintenance and repair of Off-Peak Ice Storage Systems.	The Contractor shall submit a program to inspect and make all necessary repairs to Off Peak Ice Storage System as per Spec Item 3.5. Ice Storage tanks are located in the HVAC Inventory located in J-1502000-09. The Contractor shall perform services for the maintenance and repair of Off-Peak Ice Storage Systems in accordance with manufacturer's instructions. The Contractor shall submit a monthly work summary report as per Section F.	Off-peak ice storage systems are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications and manufacturer's instructions. Preventative Maintenance is accomplished per Contractor's program and work schedule.
3.5.10	Oil/Water Separator	The Contractor shall provide maintenance for oil/water separators to ensure safe, reliable operation.	The Contractor shall submit a program to inspect and make all necessary repairs to Oil/Water Separators as per Spec Item 3.5. Oil/ Water level inspection monthly report sample is in J-1502000-31-14 The Contractor shall provide all necessary services, parts and materials for operation and PM of oil/water separators listed in J-1502000-34.	PM is accomplished per Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall submit a monthly work summary report as per Section F.	
3.5.11	Solar Panels (hot water)	The Contractor shall develop provide a preventative maintenance program for solar panels to ensure the equipment is working to manufacture's specifications and to minimize break downs and to maximize useful life of the equipment.	The Contractor shall submit a program to inspect and make all necessary repairs to Solar Panels as per Spec Item 3.5 The Contractor shall maintain the solar panels per OEM recommendations. Solar Panel locations are listed in J-1502000-35. The Contractor shall maintain freeze protection for the solar panel hot water system. There are two types of Solar Panels in use on MCAS Beaufort. Photovoltaic panels are addressed in annex 1602000 Electrical. Preventative maintenance should be performed as per the manufacturers recommendations for each respective solar panel. The Contractor shall submit a monthly work summary report as per Section F.	Contractor performs maintenance per the Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Repairs within the PM limit are accomplished prior to PM completion. Notification of repair work exceeding the PM limit is submitted to the Contracting Officer within the specified time limit. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards.
3.5.12	Galley Hood Cleaning	The Contractor shall provide maintenance for Galley Hood Cleaning to ensure safe, reliable operation.	The Contractor shall submit a program to inspect, clean and make all necessary repairs to Galley Hoods as per Spec Item 3.5. The Contractor shall provide all necessary services, parts and	PM is accomplished per Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and

1502000 – Facility Investment				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			materials to provide maintenance for Galley hood including cleaning. Galley location is found in J-1502000-36 The Contractor shall submit a monthly work summary report as per Section F.	operable condition in accordance with OEM specifications. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards.
3.5.13	Propane Air Blender	The Contractor shall provide maintenance for propane air blender system to ensure safe, reliable operation.	The Contractor shall provide all necessary services, parts and materials to provide preventative maintenance to the propane air blender system. Contractor shall provide Annual Calibration of system and components and submit a Calibration Report as per Section F. Propane air blender location and inventory are located in J-1502000-37. The Contractor shall submit a monthly work summary report as per Section F.	PM is accomplished per Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards.
3.5.14	Uninterrupted Power Supply (UPS) Battery Systems	The Contractor shall provide maintenance for the UPS Battery System to ensure safe, reliable operation.	The Contractor shall submit a preventative maintenance program for the UPS Battery System as per Spec Item 3.5. BEQ 1227, 1228, 1229, 1230, 1244, 1245, 1246 and 1122 require additional Preventative Maintenance tasks which includes one and a half hour testing quarterly. The Contractor shall provide all necessary services, parts and materials to provide maintenance for UPS Battery Systems on MCAS Beaufort. The UPS Inventory can be found in J-1502000-38. The Contractor shall submit a monthly work summary report as per Section F.	PM is accomplished per Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards.

1502000 – Facility Investment				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3.5.15	Hazards of Electromagnetic Radiation on Ordnance (HERO) System	The Contractor shall provide maintenance for the HERO System to ensure safe, reliable operation.	The Contractor shall submit a preventative maintenance program for the HERO System as per Spec Item 3.5. The Contractor shall provide all necessary services, parts and materials to provide maintenance for the HERO Systems on MCAS Beaufort. The HERO Inventory can be found in J-1502000-41. The Contractor shall submit a monthly work summary report as per Section F.	PM is accomplished per Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Work is accomplished per Spec Item 2.3.1, Workmanship and Material Standards.

1502000 – Facility Investment				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
4	Non-Recurring Work	Non-recurring work may be ordered utilizing DoD FEDMALL 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 Non-Recurring work 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 Non-recurring work will be the same as those in Spec Item 3 where applicable.	

1503020 – Pest Control	
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4	Non-Recurring Work

1503020 - Pest Control		
Spec Item	**Title**	**Description**
1	General Information	The Contractor shall provide pest control services to prevent and control nuisance, structural, turf and ornamental, and medical arthropod and vertebrate pests, including but not limited to cockroaches, termites, ants, fleas, bed bugs, silverfish, stored product pests, mosquitoes, mice, rats, bats, feral dogs and cats and other vertebrates, bees, wasps, pigeons, and nuisance birds at Marine Corps Air Station (MCAS) Laurel Bay (LB), Laurel Bay Schools, Beaufort, SC, Townsend Bombing Range Shellman Bluff, Georgia and outlying areas supported by this installation by means of a performance-based contract that is comprised of both Recurring Work and Non-Recurring Work Items.
1.1	Concept of Operations	The Government's integrated pest management (IPM) program is intended to emphasize surveys, establish control thresholds, and maintain documentation to track the effectiveness and safety of control efforts. IPM may include techniques such as education, habitat modification, biological control, genetic control, cultural control, mechanical control, physical control, regulatory control, and where necessary, the judicious use of least-hazardous pesticides. Pesticides, when needed, shall be selected consistent with IPM principles in order to minimize negative impacts on human health and the environment. The Contractor shall perform pest control services in conformance with the Integrated Pest Management Plan (IPMP) to prevent and control the following pests: --Nuisance, structure damaging, lawn, turf and ornamental, public health pests, and invertebrate pests: – cockroaches – termites – bees – wasps – ants – fleas – silverfish – stored product pests – mosquitoes – bedbugs --Vertebrate pests – mice – rats – bats – feral dogs and cats – other nuisance mammals – pigeons and other nuisance birds The following services are not included in this Template: • Pest Control services do not include non-chemical vegetation control, i.e. mowing or trimming. This is included in 1503050, Grounds Maintenance and Landscaping.

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Spec Item	**Title**	**Description**
2	Management and Administration	
2.1	Definitions and Acronyms	Definitions and Acronyms are listed in J-1503020-01.
2.2	Personnel	The Contractor shall provide personnel with qualifications, technical knowledge, experience and skills required for efficient operations within the pest control function.
2.2.1	Certification, Training and Licensing	All Contractor personnel who apply pesticides shall be certified by the State of South Carolina in the categories required to perform the work specified in this contract. No contractor personnel may work under the supervision of a certified person even where this is permitted practice in those States or host nations in which the DoD property is located. The DoDI 4150.07 DoD Pest Management Program defines certified pesticide applicators as individuals who have completed an EPA-approved training program that includes written examinations in core and specific application categories. All work performed shall be in accordance with Federal, DoD, state, local, and installation policies and regulations. Proof of certification shall be provided 15 days prior to the Contracting Officer per Section F.
2.3	Special Requirements	The Contractor shall submit the Pest Management Operations Report per Section F using the NAVFAC PMC approved online pest management reporting system. Contact the regional NAVFAC PMC to obtain an account and instructions on how to use the system. Regional NAVFAC PMC: Steven Holmes steven.p.holmes.civ@us.navy.mil (757) 322-8295
2.3.1	Business Licensing	The Contractor shall possess a business license issued by the State of South Carolina to provide pest control services. Proof of licensing shall be provided prior to contract award and every time the license is renewed. Proof of local/state licensing shall be provided per Section F.
2.3.2	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 South Carolina 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 Contracting Officer five (5) days prior to the start of any work that requires permits as per Section F.
2.3.3	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 shall be marked with the owner's or Contractor's name clearly identified as a pest control vehicle per state regulations. Each vehicle shall display applicable state or federal department of transportation or agency placard and other identification markings as required by Federal, state, 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 on Government property.

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Spec Item	**Title**	**Description**
2.3.4	Equipment	The Contractor shall provide repair and maintenance as necessary to keep all equipment in good operating condition, and take appropriate action regarding the following: 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 or repaired by the Contractor prior to resuming operations. Screens, strainers, and filters shall be used and maintained per the pump, sprayer, and nozzle manufacturer's instructions. 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. 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 per Section F. All pesticide dispersal equipment, including bait stations and trays, shall be clearly and plainly marked with "DANGER"..."PESTICIDES", or as required by applicable regulations. Specific equipment requirements relevant to individual Pest Groups are further delineated in the Pest Group Requirements in Section J.
2.3.5	Pesticides	All pesticides must be used in accordance with Federal, DoD, South Carolina, local, and installation policies and 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 tracked by the Consolidated Hazardous Material Reutilization and Inventory Management Program (CHRIMP). No hardware is required for this program of on-base storage of hazardous materials. The CHRIMP manual is available online at the NAVSUP Naval Logistics Library website: https://www.navsup.navy.mil/Products-Services/Hazardous-Material-Management/HAZMAT-Policies/ The Contractor shall maintain a book of labels and Safety Data Sheets (SDSs) for pesticides they use or intend to use, and have it readily available for the COR's inspection at all times. All pesticides used by the Contractor in the US shall be registered with the EPA and applicable state lead agency for the use intended. New Pesticide Request and Planned Pesticide Use Sheet, provided in J-1503020-02, including labels and SDS for each pesticide intended for use, shall be submitted per Section F with the Contractor’s Work Plan. Approvals may be made for and limited to specific pests and sites. Any proposed changes in pesticide usage shall be submitted per Section F to the Contracting Officer for approval at least five (5) days prior to use.

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Spec Item	**Title**	**Description**
2.3.5.1	New Pesticide Request and Planned Pesticide Use (PPU) Sheet	The New Pesticide Request and Planned Pesticide Use Sheet shall be included as part of the Contractor's Work Plan (CWP). One New Pesticide Request and Planned Pesticide Use Sheet shall be filled out for each pest that will be controlled with a pesticide. If more than one pesticide is used to control the pest, one New Pesticide Request and Planned Pesticide Use Sheet shall be filled out for each of the pesticides used per pest. A New Pesticide Request and Planned Pesticide Use Sheet shall be filled out whenever pesticides used to control a pest are changed. Completed New Pesticide Request and Planned Pesticide Use Sheet shall be attach to the CWP. The New Pesticide Request and Planned Pesticide Use Sheet shall be filled out on-line. The regional NAVFAC Applied Biology Center must be contacted to obtain a link to the website, password, and instructions to use the system. Contact the regional NAVFAC PMC to obtain an account and instructions on how to use the system. Regional NAVFAC PMC: Steven Holmes steven.p.holmes.civ@us.navy.mil (757) 322-8295 A screen shot of New Pesticide Request and Planned Pesticide Use Sheet is provided in J-1503020-02.
2.3.5.2	Reporting	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.
2.3.5.2.1	Report of Conditions Conducive to Pest Infestation	The Contractor shall report conditions that promote or are conducive to pest infestations. These include, but are not limited to, sanitation problems, improper food storage practices, inadequate exclusion policies, damaged or missing exclusion devices or the like. The Contractor shall report these deficiencies to the Contracting Officer within one business day after citing conditions per Section F. Report must be legible and can be delivered electronically or hand-written.
2.3.5.2.2	Pest Control Operation Electronic Reporting Requirements	The Contractor shall use the NAVFAC PMC approved online pest management reporting system. The report shall include individual daily records of all pest control operations, both chemical and nonchemical, including surveys. As per Section F, records should be electronically submitted on a monthly basis to the Contracting Officer by the 15th day of the preceding month. J-1503020-04 (Field Pest Management Record Form) may be used as a field data entry sheet at the Contractor's discretion.
2.3.5.2.3	Report of Inspection by Regulatory Agencies	The Contractor shall notify the Contracting Officer and the Natural Resources and Environmental Affairs Office (NREAO) immediately by phone of any inspection visit by an agent or agents of any regulatory agency, at any time, occurring on the installation. The Contractor shall report in writing to the Contracting Officer as per Section F or authorized representative within one working day after the inspection: the name(s), identification number(s), and agency(ies), of the inspector(s), and the reason for the visit. The Contractor shall also submit a copy of all reports issued to the Contractor. If samples are obtained by the inspector(s), the Contractor shall obtain like samples, signed by the inspector as like samples, to be submitted to the Contracting Officer with the written report. In no case is any Inspector to be allowed to proceed with any inspection on the installation without proper identification or authorization, or permission of the Contracting Officer.

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Spec Item	**Title**	**Description**
2.3.5.2.4	Warranty	Warranties are only required for termite treatments. See J-1503020-13 (Termite Control Specifications) for warranty requirements.
2.3.5.2.5	Government Furnished Items	The Government will furnish an approved electronic reporting system either via the NAVFAC PMC approved online pest management reporting system or an electronic reporting spreadsheet. The Government will provide office and storage space listed in J-0200000-06 and the specified pest control equipment and materials listed in J-1503020-05. All other equipment and materials must be furnished by the Contractor for this annex.
2.3.6	Disposal	All pesticides, rinse water, and containers shall be disposed of per pesticide 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.
2.3.7	Spills and Decontamination	The Contractor shall be responsible for properly cleaning, decontaminating, and reporting pesticide spills as specified by the Activity Integrated Pest Management Plan (AIPMP).
2.3.8	On-Site Mixing	Mixing on-site Government property is not generally encouraged unless the Contractor has a Government furnished mixing facility on-site, e.g., The Contractor shall not mix pesticides on Government property unless specifically authorized by the COR. If mixing is authorized, it shall be done at an approved Government furnished facility or over an approved containment device. All water sources shall be equipped with proper back-flow prevention devices. An air gap shall be maintained between the water source and the pesticide tank.
2.3.9	On-Site Materials Storage	Storage on-site Government property is not generally encouraged unless the Contractor has a Government furnished storage facility on-site, e.g., The Contractor shall not store pesticides on Government property unless specifically authorized by the COR. If storage is authorized, it shall be done at an approved Government furnished facility, if available. If a Government furnished facility is not available, the contractor shall furnish an approved storage facility. At a minimum, storage facilities shall be adequately secured, identified with warning signs, equipped with secondary spill containment and a ventilation system that provides at least six air changes per hour.
2.3.10	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 volatize or drift in air currents may be applied in occupied spaces.
2.3.11	Personal Protective Equipment (PPE)	The Contractor shall provide PPE to each of their pest control applicators. This equipment shall include, at a minimum, the PPE required by the pesticide label and SDS.
2.4	References and Technical Documents	References and Technical Documents are listed in J-1503020-03.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3	Recurring Work	The Contractor shall provide pest control services to ensure pests are controlled in a proper and timely manner.	The Contractor shall comply with the installation's Integrated Pest Management Plan (IPMP), and applicable DoD and OPNAV Instructions, and Federal, state, and local policies and regulations. Service Level Standards for Pest Control services are specified in J-1503020-06. The Contractor shall provide services at frequencies specified on the awarded CLINs for the selected FX Service Level listed in Section B. The Contractor shall develop and execute a plan for pest control services. The Contractor's Work Plan (CWP) shall adhere to applicable References and Technical Documents contained in J-1503020-03. The CWP shall establish the strategy and methods for conducting a safe, effective, and environmentally sound pest management program in compliance with the specifications. The Contractor may review the installation's historical records of pest activity and abatement actions, survey facilities and grounds, and consult with the Installation IPMC in development of a CWP. 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, bird control on applicable airfields and in hangars, etc. 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	Services are performed as specified by and consistent with the Facility Service Level Standards listed in J-1503020-06. Pests are controlled to levels and within times specified in the Pest Group Requirements in Section J. Records and reports are submitted in accordance with deliverable frequencies.

1503020 - Pest Control				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			include labels, Material Safety Data Sheets, New Pesticide Request, Planned Pesticide Use (PPU) Sheets, and comply with all applicable local, state, DoD and Federal policy and regulations, and the IPMP. The CWP shall be submitted per Section F for review, comments, and acceptance. 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 conditions per Section F. Report must be legible and can be submitted electronically or hand-written to the COR/PAR. The Contractor shall submit a Monthly Summary Report per Section F. The report shall be generated from the Contractor's Computerized Maintenance Management System (CMMS). The report shall include all completed service requests, Recurring work, and Non-Recurring work for the month. Details shall include at a minimum: 1. Location of work (i.e. building number, equipment number, or asset number) 2. Work type, 3. Work description, 4. Effort expended in total labor hours. 5. Total material costs The Contractor shall submit a Monthly Summary Report of	

1503020 - Pest Control				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			service requests, Recurring work, and Non-Recurring work scheduled but not completed for the month per Section F. ELINS in J-0200000-11 include pre-priced Line Items associated with the Optional CLINs which can be added or deleted to increase or decrease the level of performance.	
3.1	Scheduled Pest Control	The Contractor shall provide scheduled pest control services to ensure the appearance and infestation of pests are controlled in a proper and timely manner.	Scheduled pest control services shall include both inspection and treatment of the following categories of pests: nuisance pests, public health pests, structure damaging pests, lawn turf and ornamental plant pests, vegetation management, and vertebrate pests. The Contractor shall perform pest control for public health pests and pests that may adversely affect the DoD mission and military operations; the health and well-being of people; and structures, material, and property. Mission Impact pest requirements are indicated on the Frequencies of Scheduled Work table in J-1503020-07. Preventive applications of pesticide in the absence of a pest or signs/symptoms of a pest are prohibited except in cases, such as termite pretreatment, pre-emergence weed and mosquito larval control (in special circumstances, such as pre-flood), where it is an effective means of Integrated Pest Management (IPM). The following pests/pest areas should be inspected and treated, as necessary, per the General Requirements and Performance Standards in J-1503020-08 through J-1503020-13 (Pest Group Sheets).	Pests are controlled to levels and within times specified in the Pest Group Requirements in Section J. Pest surveys are conducted at the Frequencies for Scheduled Work specified in J-1503020-07. Applicable performance maintained.

1503020 - Pest Control				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Scheduled inspection and treatment services are required for the following pests/pest areas: 1. Nuisance pest control in food service areas and childcare facilities. 2. Subsistence warehouses. 3. Common use areas. 4. Barracks. 5. Temporary Lodging Buildings 6. Stored product pests. 7. Rodent control for MRE storage. 8. Bird survey. 9. Termite survey (required in some locations). 10. Mosquito survey. 11. Larval mosquito survey. 12. Lawn and ornamental pest survey. 13. Tick survey and control outdoors. 14. Arthropod control. 15. Mole cricket control. 16. Rodent control. 17. Other wood destroying Organism control.	
3.1.1	Nuisance Pest Control	The Contractor shall control nuisance pests to ensure facilities are free from nuisance pests.	The Contractor shall perform scheduled pest control for Nuisance Pests at the facilities listed on the Frequencies for Scheduled Work table in J-1503020-07. The following nuisance pest areas shall be inspected and treated, as necessary, per the General Requirements and Performance Standards specified within Nuisance Pest Requirements in J-1503020-08: • 001 Ant Control • 002 Arthropod Control in Food Handling Establishments • 003 Cockroach Control • 004 Flea Control in and Around Buildings and Structures • 005 Miscellaneous Arthropod Pest Control	Pest surveys are conducted at the Frequencies for Scheduled Work specified in J-1503020-07. Pests are controlled to levels and within times specified for Nuisance Pest Requirements in J-1503020-08.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			• 006 Stored Product Pest Control (Arthropods)	
3.1.2	Public Health Pest Control	The Contractor shall control public health pests to prevent vector borne diseases or impacts to public health.	The Contractor shall perform scheduled pest control for Public Health Pests at the facilities listed on the Frequencies for Scheduled Work table in J-1503020-07. The following public health pest areas shall be inspected and treated, as necessary, per the General Requirements and Performance Standards specified within Public Health Pest Requirements in J-1503020-09: • 007 Adult Mosquito Control • 008 Adult Mosquito Surveillance • 009 Bee, Wasp, Hornet, and Stinging Arthropod Control • 010 Childcare Facilities/Sensitive Areas Pest Control • 011 Filth Fly Control • 012 Larval and Pupal Mosquito Control • 013 Larval Mosquito Surveillance • 014 Tick Survey and Control Outdoors • 015 Fire Ant Control	Pest surveys are conducted at the Frequencies for Scheduled Work specified in J-1503020-07. Pests are controlled to levels and within times specified for Public Health Pest Requirements in J-1503020-09.
3.1.3	Structure Damaging Pest Control	The Contractor shall control structure damaging pests to ensure facilities are free of structure damaging pests.	The Contractor shall perform scheduled pest control for Structure Damaging Pests at the facilities listed on the Frequencies for Scheduled Work table in J-1503020-07. The Contractor shall submit a Termite and Wood Decay Inspection (DD Form 1070) to Contracting Officer as per Section F. The following structure damaging pest areas shall be inspected and treated, as necessary, per the General Requirements and Performance Standards specified within Structure Damaging Pest Requirements in J-1503020-10:	Pest surveys are conducted at the Frequencies for Scheduled Work specified in J-1503020-07. Pests are controlled to levels and within times specified for Structure Damaging Pest Requirements in J-1503020-10.

1503020 - Pest Control				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			• 016 Other Wood Destroying Organisms (Non-Termite) Control • 017 Survey for Termite and Wood Destroying Organisms	
3.1.4	Lawn, Turf and Ornamental Plant Pest Control	The Contractor shall control lawn, turf and ornamental plant pests to ensure facilities are free of lawn, turf and ornamental plant pests.	The Contractor shall perform scheduled pest control for Lawn, Turf and Ornamental Plant Pests at the facilities listed on the Frequencies for Scheduled Work table in J-1503020-07. The following lawn, turf and ornamental plant pests/pest areas shall be inspected and treated, as necessary, per the General Requirements and Performance Standards specified within Lawn, Turf and Ornamental Plant Pest Requirements in J-1503020-11: • 018 Mole Cricket Control • 019 Turf and Ornamental Pest Control	Pest surveys are conducted at the Frequencies for Scheduled Work specified in J-1503020-07. Pests are controlled to levels and within times specified for Lawn, Turf and Ornamental Plant Pest Requirements in J-1503020-11.
3.1.5	Vertebrate Pest Control	The Contractor shall control vertebrate pests to ensure facilities are free of vertebrate pests.	The Contractor shall perform scheduled pest control for Vertebrate Pests at the facilities listed on the Frequencies for Scheduled Work table in J-1503020-07. The following vertebrate pest areas shall be inspected and treated, as necessary, per the General Requirements and Performance Standards specified within Vertebrate Pest Requirements in J-1503020-12: • 020 Bat Control in Buildings • 021 Commensal Rodents in and Around Buildings and Structures • 022 Pest Bird Control	Pest surveys are conducted at the Frequencies for Scheduled Work specified in J-1503020-07. Pests are controlled to levels and within times specified for Vertebrate Pest Requirements in J-1503020-12.
3.2	Unscheduled Pest Control Services	The Contractor shall provide unscheduled pest control services to ensure the appearance and infestation of pests	The following pests are often included in unscheduled service: 1. Fire ants 2. Mole crickets 3. Bed Bug Control	Pests are controlled to levels and within times specified in the corresponding pest group requirements in

1503020 - Pest Control				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		are controlled in a proper and timely manner.	Structural pest control services for termites and other structure damaging pests will be ordered under the Non-Recurring Work portion of the contract as described in Annex 2. Refer to Termite Control Specifications provided in J-1503020-13 for specific instructions that will be included with each termite control task order.	Section J.
3.3	Pest Management Reporting	The Contractor shall report pest management operations to ensure the effectiveness and safety of control efforts can be monitored in a proper and timely manner.	The Contractor shall create and submit a completed electronic Pest Management Record for each pest management operation, both chemical and non-chemical, e.g., pest survey, pesticide application, pest control service order, per Section F. Refer to the New Pest Management Record provided in J-1503020-15 for a sample of an online Pest Management Record. The Contractor shall submit the Pest Management Operations Report per Section F using the NAVFAC PMC approved online pest management reporting system. Contact the regional NAVFAC PMC to obtain an account and instructions on how to use the system. Regional NAVFAC PMC: Steven Holmes steven.p.holmes.civ@us.navy.mil (757) 322-8295	Reports are accurate, complete, and submitted within the time specified in each of the pest group requirements in Section J.

1503020 - Pest Control				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
4	Non-Recurring Work	Non-Recurring work may be ordered utilizing DoD FEDMALL 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 Non-Recurring Work 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 Non-Recurring work will be the same as those in Spec Item 3 where applicable. Historical Non-Recurring Work is provided in J-1503020-14.	

1602000 – Electrical

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1602000 - Electrical		
Spec Item	**Title**	**Description**
1	General Information	The Contractor shall provide all labor, management, supervision, tools, material, and equipment to continuously operate, maintain, and repair the electrical power generation plant, transmission systems and distribution systems located at Marine Corps Air Station (MCAS) Laurel Bay (LB), Laurel Bay Schools, Beaufort, SC, Townsend Bombing Range Shellman Bluff, Georgia and outlying areas supported by this installation by means of a performance-based contract that is comprised of both Recurring Work and Non-Recurring Work Items.
1.1	Concept of Operations	The intent of 1602000 Electrical is to specify the requirements for electrical power generation, power transmission and distribution. All sources for generating electrical power for utilities will be included in this template e.g., boilers, wind, solar, gas, etc. The following services are not included in this Template: • The point of demarcation is where the electricity exits the building electric meter or, if there is no meter, where the electricity enters the building. All components beyond this point of demarcation are considered part of the facility and are included in 1502000, Facilities Investment. • Stand-by electrical power generators located within the electrical power generation plant or which serve more than one facility are covered under this sub-annex. Generators serving a single facility are included in 1502000, Facilities Investment. • Repairs to the facilities (building structures) and trouble call response for Chiller Plants are included in 1502000 Facilities Investment.

1602000 – Electrical		
Spec Item	**Title**	**Description**
2	Management and Administration	
2.1	Definitions and Acronyms	Definitions and Acronyms are listed in J-1602000-01.
2.2	Personnel	The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required to efficiently operate, maintain and repair the electrical power generation plant and transmission and distribution systems.
2.2.1	Certification and Training	The Senior electrician shall be certified in high voltage splicing and repair at journeyman level. The Contractor shall prepare a complete roster of high voltage qualified personnel, to include individual qualification summaries. This roster shall be submitted to the Contracting Officer for review five (5) days prior to commencement of the contract as per Section F. The Contractor shall maintain an up-to-date resume of each employee's qualifications and experience which shall be available to the Contracting Officer. Personnel in a training status will not be substituted for qualified and approved personnel. All personnel shall be trained in basic safety and first-aid procedures for electrical shock. Electrical Distribution System (EDS) 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	Special Requirements	
2.3.1	Work Coordination	The Contractor shall coordinate all maintenance and repair work and outages in a manner that minimizes the disruption of electric services. The Contractor shall plan and schedule all non-emergency power outages. Outages will normally be scheduled after normal working hours or weekends. In the case of government scheduled utility outages, the Contractor will be informed by the Contracting Officer as far in advance as time permits, of dates, times, buildings, and equipment, that will be affected by such utilities outages.
2.3.2	Safety	All the safety requirements of UFC 3-560-01 are applicable to this specification in addition to the safety standards identified in the 0200000 C Management and Administration Annex Spec Item 2.9.
2.3.3	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.
2.4	References and Technical Documents	References and Technical Documents are listed in J-1602000-02. These documents shall be acquired and maintained in the technical library in accordance with Annex 2.

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3	Recurring Work	The Contractor shall efficiently operate and maintain the electrical power generation plant and transmission and distribution systems to safely produce, transmit and distribute reliable electrical power to ensure all electrical requirements are continually met.	The current electrical power generation plant and overhead transmission lines and distribution systems description and inventory are provided in J-1602000-03 through J-1602000-03-02. 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. The Contractor shall develop, and submit a list of critical spare parts, per Section F. The Contractor shall maintain such an inventory of critical spare parts required to keep the entire system in continuous service to meet electrical power demand requirements. The historical spare parts inventory can be found in J-1602000-04. The Contractor shall submit a Monthly Summary Report per Section F. The report shall be generated from the Contractor's Computerized Maintenance Management System (CMMS). The report shall include all completed service requests, Recurring work, and Non-Recurring work for the month. Details shall include at a minimum: 1. Location of work (i.e. building number, equipment number, or asset number) 2. Work type, 3. Work description, 4. Effort expended in total labor hours. 5. Total material costs The Contractor shall include and submit in the Monthly Summary Report all service requests, Recurring work, and Non-Recurring	Electrical power is continuously and safely produced, transmitted and distributed and meets demand requirements. Records and reports are submitted in accordance with deliverable frequencies.

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			work scheduled but not completed for the month per Section F.	
3.1	Preventative Maintenance Electrical Distribution Systems	The Contractor shall efficiently and safely operate the Electrical Distribution Systems to provide electrical power to meet all demand requirements, 24 hours per day, seven days per week, throughout the contract period.	The Contractor shall develop and submit to the Contracting Officer a Preventative Maintenance Program to include a PM checklist for each piece of equipment, and which shall identify all transmission lines, distribution systems and equipment requirements for safe, efficient, fully functional and operational electrical distribution system and emergency generation systems within their rated capacities as per Section F. The Contractor shall ensure continuous delivery of stable electric power to all connected loads. Typical operating procedures are described in NAVFAC MO-201. When possible, equipment manufacturer's operational manuals provided with their equipment will be followed. The Contractor shall provide sufficient staff of qualified persons to ensure safe, reliable, efficient, transmission and distribution of electricity. The Contractor shall perform any repairs up to $250.00 per occurrence for all items under spec item 3.1 (unless otherwise noted in the Related Information). Incidental repair work performed under preventative maintenance is not considered a service order. Electrical components includes generators, motors, fuel storage tanks, substations, transformers, switchgear, transmission and distribution lines, structures and poles, street and perimeter lighting, etc..	Systems equipment and components are efficiently, safely and continuously operated per operating criteria to produce electrical power to meet demand. The electric power system is maintained to provide stable continuous power to all facilities. Voltage is maintained at a maximum tolerance of plus or minus five percent of the design voltage. Unscheduled interruptions are minimized such that electrical power demand is met 99.5 percent of the time annually. Current measurements confirm that balance is maintained on all distribution circuit phases.

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The operating switchgear and associated equipment for MCAS station power is located at structure number 430. The main substation at LB is located at structure number 1507. Systems equipment and components shall be efficiently and safely operated per applicable directives, regulations, and instructions in J-1602000-02. The Contractor shall be responsible for Electrical Distribution Systems that includes, but not limited to equipment and systems components, such as, power disconnects, power hook-ups, movement of material, transformers, switchgear, high voltage transmission lines, medium and low voltage distribution lines, and 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. The Contractor shall submit a Utility Outage report form to Contracting Officer monthly as per Section F. Utility Outage Report Form can be found in J-1602000-08. The Contractor shall submit a monthly PM work schedule, PM maintenance and repair status report per Section F. At a minimum, work schedules and repair status shall include: • Description of service(s) or repair to be accomplished • Location (i.e. site and building number) • Date service(s) or repair are scheduled to be accomplished	
3.1.1	Solar Panels (Photo voltaic)	The Contractor shall develop provide a preventative	The Contractor shall maintain the Solar panels per manufacturer's recommendations; Solar Panel	Contractor performs maintenance per the

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		maintenance program for solar panels to ensure the equipment is working to manufacture's specifications and to minimize break downs and to maximize useful life of the equipment.	locations are listed in J-1602000-03-02 and J-1502000-07-01. There are two types of Solar Panels in use on MCAS Beaufort. Hot water producing solar panels are addressed in annex 1502000. Preventative maintenance should be performed as per the manufacturers' recommendations for each respective solar panel.	Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Repairs within the PM limit are accomplished prior to PM completion. Notification of repair work exceeding the PM limit is submitted to the Contracting Officer within the specified time limit.
3.1.2	Operating Records, Logs, Reports and Procedures	The Contractor shall prepare, maintain and submit operating records, logs and reports for in-process tracking of solar panel output characteristics and other electrical generating equipment.	The Contractor shall develop and update operating procedures to reflect current operating processes and systems. The Contractor shall update associated records, logs and reports documenting electrical distribution systems performance. The program shall include, but is not limited to maintaining equipment operating logs, operational testing, measuring, recording, and reporting of operating data (voltage, current, fuel). Format is optional and records may be kept in logs, record cards, or other format. The reports shall be submitted to the Contracting Officer as per Section F. As a minimum the records shall indicate the following: Name of inspector/mechanic; checks made; date; services performed; corrective action performed; materials used; and material cost.	All required operating records, logs, reports and procedures are maintained current and complete and applicable copies provided to the Contracting Officer within the specified times.

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3.1.3	Equipment Containing Hydraulic or Dielectric Fluid	The Contractor shall ensure that all newly procured transformers and other equipment containing hydraulic or dielectric fluid be accompanied by a manufacturer's certification or lab analysis report that the equipment contains no PCB or less than one (1) ppm.	The Contractor shall notify the NREAO upon identification of unlabeled, misplaced, or unmarked equipment that may contain hydraulic or insulating fluid. This equipment may include vehicle components and electrical equipment. The questionable components shall be handled IAW 40 CFR 761, until it has been determined that they do not contain PCB's. The Contractor shall comply with 40 CFR 761 for removal and handling of PCB containing articles. The Contractor shall maintain the inventory of transformers which lists the equipment by serial number, size, location, PCB content and presence of proper PCB label. See J-1602000-03 for a list of transformers. The inventory shall allow for continuous tracking of each item and equipment movement. Any new items shall be marked and registered with the fire department as required by 40 CFR 761.30. (1)(a)(vi). The Contractor shall properly label, date, and store PCB or suspected PCB containing light ballasts in accordance with 40 CFR 761.65. Storage containers shall be turned in and delivered to the Government for disposal in accordance with 40 CFR 761.65.	All equipment containing hydraulic or dielectric fluid is inventoried. All contaminated material is packaged by Contractor and turned over to the Government for disposal in accordance with all applicable local, state and federal regulation.
3.2	Integrated Maintenance Plan (IMP) Jenbach CO-GEN	The Contractor shall develop and implement an IMP for the electrical power generation plant. (CO GEN Plant)	The Contractor shall develop and submit an IMP for the electrical power generation plant to the Contracting Officer per Section F. The IMP shall include the Contractor's approach for	IMP is accomplished per Contractor's incorporated Program and schedule. All repairs costing at or less than the Contractor's limit of liability are responded to within, one hour following Contractor

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			integrated maintenance, including maintenance, overhauls, and inspection tasks, schedules for planned work accomplishment, plan for minimizing occurrence of repair and downtime, process for the identification of the need for repairs, and the process for scheduling and completing repair work. The IMP shall include all equipment and components for the CO GEN plant. IMP, inclusive of all repair and replacement, shall be performed per ANSI Standards, OMSI, and equipment manufacturer's recommendations and commercially accepted practices. All system malfunctions and breakdowns requiring repair or replacement shall have immediate response within one hour following Contractor discovery or Government notification and worked to completion. As part of the IMP, the Contractor has full responsibility for any individual occurrence of repair, including replacement, up to and including $7,500 in direct material and labor cost. The Contractor shall, per Annex 2, notify the Contracting Officer upon identification that the repair will exceed the liability limit listed above. If the estimated cost of the repair exceeds the Recurring work liability limit, the Government may order the work under the Non-recurring Work section of this contract; however, the Government will only be liable for the amount of cost exceeding the Recurring work liability limit.	discovery or Government notification and worked continuously to completion.

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall perform all repairs, whether identified as part of their routine IMP accomplishment, QC inspections, or notification from the Government that a breakdown or malfunction has occurred. If the Government identifies a problem or a need for repair, the Government will contact the work reception desk. Service Orders will not be issued for accomplishment of repairs on systems and equipment maintained under IMP. The IMP shall include all equipment and components for the electrical power generation plant. IMP, inclusive of repair and replacement, shall be performed per ANSI Standards, OMSI, and equipment manufacturer's recommendations and commercially accepted practices. All Plant and System malfunctions and breakdowns requiring repair or replacement shall have immediate response within one hour following Contractor discovery or Government notification and work to completion. The Contractor shall submit a monthly IMP work schedule, IMP maintenance and repair status report per Section F. At a minimum, work schedules and repair status shall include: • Description of service(s) or repair to be accomplished • Location (i.e. site and building number) • Date service(s) or repair are scheduled to be accomplished	

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			IMP equipment is listed in J-1602000-05 Historical data on IMP repairs is provided in J-160200-06.	
3.3	Other Recurring Services	The Contractor shall perform other recurring services on facilities, systems, and equipment to ensure they are fully functional and operational.	The Contractor shall perform any repairs up to $250.00 per occurrence for all items under Spec Item 3.3. Incidental repair work performed under preventative maintenance is not considered a service order.	Systems and equipment are in an operable condition and function properly in accordance with specified standards. Unscheduled interruptions are minimized such that electrical power demand is met 99.5 percent of the time annually. Other recurring services are completed in a timely manner.
3.3.1	Operation of Associated electrical Components and Policing	The contractor shall ensure that associated components are operational, in good repair and that trees, shrubs, and vegetation don't encroach.	The Contractor shall check, operate perform maintenance and provide a functional working clearance of six (6) feet around transformers, fuse cutouts, arresters, circuit breakers, pot heads, terminators, air gap switches, and associated hardware and equipment annually as per manufacturer's recommendations and directives located in J-1602000-02. The Contractor shall make a report of the condition, and deficiencies found during these annual inspections. It shall be noted in this report whether or not the previously documented deficiencies have been corrected. The contractor shall maintain a safe and all sides of any electrical distribution equipment listed in J-1602000-03. Ensure electrical service drops, telephone and cable television lines are located at a minimum clearance of six feet on either side of the conductors.	Contractor performs maintenance per the Contractor's program and work schedule. Systems and equipment are maintained and repaired to sustain a fully functional and operable condition in accordance with OEM specifications. Repairs within the PM limit are accomplished prior to PM completion. Notification of repair work exceeding the PM limit is submitted to the Contracting Officer within the specified time limit.

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3.3.2	Meter Reading	The Contractor shall read and record data from electrical meters in a timely manner to ensure accurate information is available for proper utility billing.	The Contractor shall read electrical meters monthly at Marine Corps Air Station (MCAS) Beaufort and Laurel Bay (LB). Meters shall be read per schedule at all sites. All meter readings are to be completed on the scheduled day. Any Government equipment provided for meter reading shall be returned to Utilities the same day meters are read. The Contractor shall submit a Monthly Meter Reading Report per Section F. Meters are listed in J-1602000-07.	Meter readings are recorded accurately. All meters are read according to schedule. Records and Reports are submitted in accordance with deliverable frequencies.

1602000 – Electrical				
Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
4	Non-Recurring Work	Nonrecurring work may be ordered utilizing DOD FedMall 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 Nonrecurring 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 Nonrecurring work will be the same as those in Spec Item 3 where applicable. Typical Non-Recurring work such as high reach and electrical locating services information in located in the Non-Recurring Work Elin J-0200000-11.	

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1700000 – Base Support Vehicles and Equipment		
Spec Item	**Title**	**Description**
1	General Information	The Contractor shall provide all labor, management, supervision, tools, material, and equipment required to perform Base Support Vehicles and Equipment services at Marine Corps Air Station (MCAS) Laurel Bay (LB), Laurel Bay Schools, Beaufort, SC, Townsend Bombing Range Shellman Bluff, Georgia and outlying areas supported by this installation by means of a performance-based contract that is comprised of both Recurring Work and Non-Recurring Work Items.
1.1	Concept of Operations	The intent of 1700000 BSVE is to specify the requirements for a transportation program consisting of vehicles, equipment maintenance and repairs. The vehicle and equipment operations shall include dispatch, Weight Handling Equipment (WHE) / Material Handling Equipment (MHE), Ordinance Handling Equipment (OHE), liquid movements, people movements, operator licensing and training, inspection and certification, and specified administrative program management. The following services are not considered BSVE and are not included in this template: • Maintenance and repair of facility mounted Weight Handling Equipment (WHE) is included in 1502000 Facility Investment.

1700000 – Base Support Vehicles and Equipment		
Spec Item	**Title**	**Description**
2	Management and Administration	
2.1	Definitions and Acronyms	Definitions and Acronyms are listed in J-1700000-01.
2.2	Personnel	The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required for efficient operations of each spec item within the BSVE function.
2.2.1	Certification, Training, and Licensing	BSVE operators shall comply with all Federal, State, and Local laws and regulations regarding certification, training and licensing. Weight Handling Equipment (WHE) / Material Handling Equipment (MHE), Ordinance Handling Equipment (OHE), Civil Engineering Support Equipment (CESE) operators shall comply with the standards stated in NAVFAC P-300, NAVFAC P-307, and NAVSEA OP-2239. The Contractor shall provide personnel who have all necessary operator licensing and certifications needed to operate any cranes located on Marine Corps Air Station (MCAS) Beaufort SC in accordance with NAVFAC regulations of their licensing equivalent. Personnel working on electric vehicles, Hybrid/E85, ambulances, rescue vehicles, and fire trucks shall be certified to work on the electrical components, sub-assemblies and assemblies.
2.3	Special Requirements	
2.3.1	Safety	Vehicles used for transporting ammunition, explosives, or other dangerous/hazardous material shall be marked and operated per NAVSEA OP-2239 and the rules and regulations prescribed by the Federal Motor Carrier Safety Regulations, U.S. Department of Transportation, Federal Highway Administration, Bureau of Motor Carrier Safety. Necessary permits for the movement of overweight/oversized loads on public highways shall be obtained.
2.3.2	Audits and Inspections	The Contractor shall provide assistance and cooperation for all authorized transportation related inspections, internal reviews, and audits conducted by the Government. The Government and other external agencies perform approximately five audits and inspections per year.
2.3.3	Special Vehicle Maintenance and Repair Requirements	

1700000 – Base Support Vehicles and Equipment		
Spec Item	**Title**	**Description**
2.3.3.1	Established Priorities	The Fleet Inventory shown in J-1700000-02 and J-1700000-02-01 indicates the priority assigned to each piece of BSVE in the fleet. The Government may change the priorities of up to 10% of the BSVE without a contract modification. The Contractor shall perform maintenance and repair in accordance with the timeframes established in the following priorities: <u>Priority 1</u> Generally, Priority 1 BSVE includes emergency vehicles (ambulances, fire trucks, police sedans and pickups), utility boom bucket trucks, and automobiles assigned to Commanding Officers and their staffs. However, the Contracting Officer may designate Priority 1 work without regard to the type of vehicle use. Work on BSVE in this category shall start immediately after being reported down or received in the shop during regular working hours, and within two hours after regular working hours. In the event BSVE will be down more than 24 continuous hours, the Contractor shall notify the Contracting Officer of the reason for the delay, action being taken to shorten the delay, and the estimated day and hour BSVE will be returned to service. Excluding such delays, the Contractor shall work uninterrupted until maintenance/repair is complete. <u>Priority 2</u> Generally, Priority 2 BSVE includes designated buses, automobiles assigned to base tenant activity staffs, emergency service vehicles, cranes, and MHE. However, the Contracting Officer may designate Priority 2 work without regard to the type of vehicle use. Work shall be completed on BSVE in this category within two hours after being reported down or received in the shop during regular working hours, and within four hours after regular working hours. In the event BSVE will be down more than 48 continuous hours, the Contractor shall notify the Contracting Officer of the reason for the delay, action being taken to shorten the delay, and the estimated day and hour BSVE will be returned to service. Excluding such delays, the Contractor shall work uninterrupted until maintenance/repair is complete. <u>Priority 3</u> Work shall be completed on BSVE in this category within five working days after being reported down or received in the shop.
2.3.3.2	Allowable Downtime Standards	The Contractor shall manage the overall maintenance effort so BSVE downtime does not exceed the allowable downtime standards specified herein. For the purpose of computing downtime, regular working hours is defined as eight hours per day, 0730 to 1600, Mondays through Fridays, except observed Federal holidays. Downtime hours per shop repair shall not exceed the Allowable Individual Downtime by Alpha Code specified in J-1700000-03. Downtime hours per individual alpha group shall not exceed 10% of the total available hours per individual alpha group per month (invoice period). For any given alpha group, the total hours of availability per month equals the total number of units in the group times the number of regular working hours per month.

1700000 – Base Support Vehicles and Equipment		
Spec Item	**Title**	**Description**
2.3.3.3	Downtime Computation	Downtime for Priority 1 BSVE shall commence immediately when reported down or received in the shop during regular working hours. Downtime for Priority 2 BSVE shall commence two hours after being reported down or received in the shop during regular working hours. Downtime for Priority 3 BSVE shall commence two working days after BSVE is reported down or received in the shop. 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. 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. When computing downtime, fractions of hours shall be rounded to the nearest hour (less than 30 minutes = 0, 30 minutes or more = one hour). Maximum downtime per occurrence, including time awaiting parts, shall be limited to the specifications in Attachment J-1700000-03. Exceptions may be granted by the Contracting Officer when submitted in writing by The Contractor prior to exceeding the allowable downtime.
2.3.3.4	Temporary Suspensions of Downtime Standards	When the Contractor experiences a delay in material receipt that will cause the individual unit downtime of a particular unit to exceed the allowable time, the Contractor shall submit a Temporary Suspension of Downtime Accumulation to the Contracting Officer per Section F. 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 Contracting Officer to the date/time the material is received. The Contractor shall notify the Contracting Officer immediately upon receipt of the material, and provide written documentation showing date and time of receipt.
2.3.3.5	Replacement Material, Parts, and Equipment	The Contractor shall provide all material, parts and equipment for Civil Engineering Support Equipment (CESE) maintenance and repair. All parts, new or rebuilt, and materials used in the maintenance and repair shall be equal to or exceed the quality of the original manufacturer's parts and materials. The use of used parts is prohibited unless approved by the GOVERNMENT REPRESENTATIVE. Use of parts cannibalized from other equipment must be approved in advance, in writing, by the Contracting Officer.

1700000 – Base Support Vehicles and Equipment		
Spec Item	**Title**	**Description**
2.3.3.6	Modifications or Alterations	The Contractor shall perform vehicle alterations and modifications requested by the Contracting Officer or their designated representative. These requirements for alterations can include, but are not limited to, manufacturing and installing parts, i.e. roof bars, brackets, signs, seats, tie downs, security partitions, forklift trailers, 5th wheel skid plates, bumpers, step plates, ladder racks, safety rails, seat frames, and towing devices. The Contractor shall also perform transfer of special equipment from one piece of equipment to another (i.e. equipment bodies to new chassis, power-trains, hydraulic tailgates, emergency warning devices, etc.). This shall be accomplished by the Contractor as directed by the Contracting Officer or their designated representative in the form of a Shop Repair Order (SRO).
2.3.3.7	Excessive Repairs	The one-time repair limits set forth in Appendix F of NAVFAC P-300 do not apply. 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.
2.3.3.8	Shop Repair Orders (SROs)	All work performed on Government owned or leased vehicles (GSA leased vehicles excepted) and equipment shall be initiated, planned, scheduled and performed using the TM 4700-15/1, Ground Equipment Record Procedures (latest edition). Work shall include, but not be limited to, technical inspections, diagnosing and directing the maintenance and repair actions to be performed, and ensuring safety, reliability, and cost effectiveness. Maintenance and repair actions shall be accomplished to maximize productivity and quality of work performed. Work generation methods shall include operator reports of deficiencies, defects noted by Government inspectors, and formal programs for preventive maintenance. Approved manufacturer's time standards, as set forth in Contractor provided Chilton and Motors Manuals or Manufacturer's Manuals, shall be used for determining flat rates for time standards and repair of all equipment and vehicles, as well as for standard terminology for entries on Shop Repair Orders (SROs). Contractor’s write-up of maintenance and repairs to be performed shall be explicit and all work shall be documented on the SRO. SROs shall be initiated for maintenance and repair requirements. When complaint is validated, required repairs shall be noted on the SRO and the vehicle scheduled for repair. SRO's shall be opened for validated complaints on the same working day the vehicle is delivered to the Vehicle Maintenance Facility (VMF). The Contractor shall provide a monthly maintenance schedule for Preventive Maintenance and Annual Safety Inspections. This monthly schedule shall be produced and distributed in accordance with Section F. The Contractor shall maintain commercial SROs for any work covered by warranties and recalls. Shop Repair Order forms are generated via Maintenance Management software. (Fleet Anywhere/Fleet Focus)

1700000 – Base Support Vehicles and Equipment		
Spec Item	**Title**	**Description**
2.3.3.9	Major Repairs (Non-Recurring Work)	When ordered via the Non-Recurring work portion of the contract the Contractor shall perform major repairs exceeding the Alpha Code limits of liability. Major repairs include, but are not limited to, overhauls, complete paintings, rebuilds, rehabilitations; replacement of major components, assemblies, and subassemblies; machining, welding, and specialized adjustments such as front end aligning and frame straightening. All major repairs shall be performed in accordance with manufacturer maintenance service manuals and NAVFAC P-300, whichever is more stringent. The Contractor shall accomplish repairs on MCAS Beaufort tenant command vehicles and vehicles from other commands not listed in J-1700000-02 and J-1700000-02-01, on an as-needed basis. This work will be ordered as Non-recurring work. Work orders shall be completed within five working days and other command vehicles will be treated as emergency equipment. The Contractor will request an extension of this requirement if hard to locate material required. The Contractor shall generate a cost estimate SRO for each vehicle but may not necessarily be tasked with the repair due to fiscal constraints.
2.3.3.9.1	Non-Recurring Work Preparation of Proposals	The Contractor shall prepare and submit a proposal in accordance with the requirements identified in the 0200000 C Management and Administrative Annex Spec Item 2.16.2.1.
2.3.4	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.
2.3.5	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 removal from the fleet, and its designated replacement, shall be counted as a single unit for inventory purposes while the designated replacement unit is experiencing preparation for service (e.g., corrosion protection, equipment installation, marking, and record establishment). The Contractor shall be required to continue to perform repairs to equipment, scheduled for replacement, to guarantee safe and reliable service during pending disposition.
2.3.6	Government-Furnished Property	Except for those items specifically stated to be GFP in J-1700000-04, and in accordance with the type of GFP defined in the 0200000 C Management and Administrative Annex Spec Item 2.4, the Contractor shall furnish everything required to perform the work prescribed within this annex.
2.3.7	Replacement Vehicles	The Contractor shall provide substitute vehicles from the Class "C" motor pool when Class "B" assignments are required for regularly scheduled service or unscheduled service, to the maximum extent of availability of vehicles in the motor pool.

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Spec Item	**Title**	**Description**
2.3.8	Rental Equipment	If for any reason, equipment is not available to meet contract requirements (including the standard for vehicle/equipment availability), the Contractor shall rent, purchase, or charter vehicles/equipment to meet the requirements. All requests from Government personnel for purchase, rental, and charter must be approved by the Contracting Officer. Rentals and charters to meet special customer requirements will be ordered by Non-recurring work delivery order.
2.3.9	Excess Vehicles	The Contractor shall prepare excess vehicles/equipment for disposal (including preparation of DD Forms 1348 and SF 120) and deliver to disposal facilities. In addition, the Contractor shall prepare vehicles/equipment for transfer to other installations when directed by the Contracting Officer.
2.3.10	Key Control	The Contractor shall maintain a positive system of key control for assigned CESE. The Contractor shall maintain a spare key for assigned CESE and equipment listed in J-1700000-02 and J-1700000-02-01. Special attention shall be paid to control of keys for CESE awaiting shop service, in service and awaiting customer pick up after completion of service, to preclude unauthorized use.
2.3.11	Government Authority	The Government representatives have the authority to place any vehicle or piece of equipment, any Contractor furnished vehicle, or any piece of equipment operated by Contractor personnel, in a down status at any time for reasons of safety or essential maintenance.
2.3.12	Records and Reports	The Contractor shall maintain CESE and MHE records in accordance with NAVFAC P-300, NAVFAC P-307, and other relevant directives listed in J-1700000-06. Such records include the following: a. Individual vehicle/equipment history jackets b. DD Form 1342, DoD Property Record (Government-furnished equipment) c. Accident damage repair estimates d. Vehicle repair status e. Annual safety and reliability inspection checklists f. Railroad operations Copy of DD Form 1342, DoD Property Record (Government-furnished equipment) can be found in J-1700000-05 These documents shall be acquired and maintained by the Contractor at the Contractor's expense in the Technical Library with a copy of each maintained at the Vehicle Maintenance Facility (VMF). The Contractor will be provided all maintenance manuals in the possession of the Government at the time of award. The manuals shall be returned to the Government at the end of the contract. Report titles, distribution, and frequencies are listed in Section F of the solicitation. The Contractor shall submit accurate and complete documents within the required timeframes.
2.3.13	BSVE Operators	BSVE operators shall comply with all Federal, state, and local laws and regulations. Operators must have a valid drivers license.

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Spec Item	**Title**	**Description**
2.3.14	Interim or Breakdown Repair	Equipment delivered to the transportation repair facility as a result of trouble developing between scheduled inspection and maintenance, shall be inspected for validity of the operator's complaint. When the complaint is validated, required repairs shall be noted on the SRO and the vehicle scheduled for repair. SROs shall be initiated for validated complaints on the same working day the vehicle is delivered to the Contractor at the repair facility.
2.3.15	Wrecked Vehicles	The Contractor shall reimburse the Government for abnormal wear and tear and accident damages when Contractor operators are determined to have caused the damage. The Contractor shall repair vehicles involved in all accidents and shall ensure an operators report of the motor vehicle accident and accident identification cards (SF91) are submitted.
2.4	References and Technical Documents	References and Technical Documents are listed in J-1700000-06.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
3	Recurring Work	The Contractor shall perform operations, support services, and maintenance of BSVE to ensure a well-managed and executed BSVE Program.	Provide the base support vehicle and equipment management, operations, and maintenance functions identified below under the requirements of this contract. The Contractor shall submit a Monthly Summary Report of service requests, Recurring work, and Non-Recurring work scheduled but not completed for the month per Section F. The report shall include all completed service requests, Recurring work, and Non-Recurring work for the month. Details shall include at a minimum: 1. Equipment name (i.e. equipment number, or asset number) 2. Work type, 3. Work description, 4. Effort expended in total labor hours. 5. Total material costs Fleet Inventory required to be maintained is provided in J-1700000-02. Historical Data for BSVE work is provided in J-1700000-07.	BSVE are safe and reliable per NAVFAC P-300 and P-307. Appropriate equipment and qualified operators are provided within the designated time. Reports are accurate, on time, and complete.
3.1	Operations	The Contractor shall operate BSVE to ensure supplies and personnel are transported and requested services are performed.	Provide the proper vehicles, equipment, materials, licensed personnel and, tools for the work requested. Obtain necessary permits for the movement of overweight/oversized loads on public highways. Necessary permits must be obtained prior to scheduled performance. Mark and operate vehicles used for transporting ordinance, hazardous materials and other dangerous articles in accordance with NAVSEA OP-2239, Federal Motor Carrier Safety Regulations, U.S. Department of Transportation, Federal Highway Administration and Bureau of Motor Carrier Safety and other applicable rules and regulations.	Operation functions are performed with the proper equipment and within designated time in a safe and efficient manner. Operators are properly qualified and licensed Permits are obtained prior to scheduled performance. Vehicles and equipment markings are in compliance.
3.1.1	WHE/MHE/ OHE/ CESE Services	The Contractor shall provide WHE/MHE/OHE/ CESE services when	The Contractor shall: Provide qualified operators for WHE and MHE services. Operators shall comply	Appropriate equipment and qualified operators and support

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		dispatched to ensure the mission of the Government is accomplished safe and timely manner.	with the following standards as applicable: (1) NAVFAC P-300 (2) NAVFAC P-307 (3) 29 CFR Part 1910 (4) OPNAVINST 5100.23 Provide qualified rigging support. Provide proper and certified equipment for all work requested. Services that are not scheduled shall be provided within one hour of request during regular working hours and within two hours of request outside regular working hours. Complete and retain Operator Daily PM records on vehicles and equipment as specified by the NAVFAC P-300 and P-307. Retained records shall be used to take corrective actions in accordance with NAVFAC P-300 and NAVFAC P-307. Vehicles used for transporting ammunition, explosives, or other dangerous/hazardous material shall be marked and operated per NAVSEA OP-2239 and the rules and regulations prescribed by the Federal Motor Carrier Safety Regulations, U.S. Department of Transportation, Federal Highway Administration, Bureau of Motor Carrier Safety.	personnel are provided in a timely manner. All necessary permits obtained. Services are completed in accordance with applicable statutes and publications. Unscheduled services are provided within one hour of request during regular working hours and within two hours of request outside regular working hours. Operator Daily PM records area completed and retained as specified. Vehicles used for transporting ammunition, explosives, or other dangerous/hazardous material are marked and operated per applicable laws and regulations.
3.2	Support Services	The Contractor shall provide BSVE support services to ensure that the service requirements are met.		Support services are performed in an efficient, accurate, and timely manner.
3.2.1	Dispatching Service	The Contractor shall provide service for BSVE, such as Class A, B, C-Pool and U-Drive-It, and Rental vehicle dispatching service for BSVE to ensure	The Contractor shall provide a dispatching service during working hours and after working hours and on weekends and holidays as necessary to support customer requirements. Provide service within 10 minutes plus or minus of scheduled time during normal	Dispatch service is provided during both normal Government working hours and after normal Government working hours as required.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		vehicles are dispatched in a timely manner between the hours of 0730 and 1600, Monday through Friday, except official federal holidays.	working hours and scheduled work after hours. Vehicles and equipment dispatched are inspected by the operator in the presence of the dispatcher at check-out and check-in, and discrepancies are noted by the operator on NAVFAC Form 11260/4, NAVFAC Form 9-11240/13 or Operator's Daily Checklist (ODCL) as applicable. 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. Copy of DD Form 1970, Motor Equipment Utilization Record can be found in J-1700000-08 The Contractor shall verify that personnel checking out vehicles and equipment are properly licensed to operate the Government provided vehicles and equipment. The Contractor shall ensure dispatchers are cognizant of the Government's fuel conservation program, and trips are consolidated whenever possible. The Contractor shall ensure compliance with GSA Fleet Guide and Accident Reporting. Ensure that Class A, B, C-Pool and U-Drive-It, and Rental vehicles are for use by Government personnel only. The Contractor shall ensure operators complete SF-91 if involved in an accident as per Section F. The Fleet Inventory, listing Government vehicles and equipment, is provided in J--1700000-02 and J-1700000-02-01.	BSVE are assigned in compliance with activity instruction. Dispatch clean, safe, reliable, fueled, and properly suited vehicles within specified time periods. NAVFAC Forms 11260/4, 911240/13, SF-91 and Equipment Dispatch Logs are accurate, complete and available for review (electronic and/or hardcopy) upon request by the Contracting Officer. Dispatching services are rendered within 10 minutes of request.
3.2.2	Non-Government Owned Leased Vehicles	The Contractor shall coordinate and schedule required maintenance and repair of leased		Vehicles are picked up from the lessee and dropped off at the Maintenance Control Center

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		vehicles to ensure maintenance is kept up to date and repairs are performed expeditiously.		(MCC) or service provider and returned to the lessee as scheduled.
3.2.2.1	GSA Leased Vehicles	The Contractor shall coordinate and schedule required maintenance to ensure maintenance is kept up to date and repairs are performed expeditiously.	The Contractor shall pickup vehicle from user, transport vehicle to and from the service provider, return vehicle to user, and provide required reports. A commercial Fleet Services card will be issued for each GSA vehicle and shall be used by the Contractor for the purchase of fuel and minor maintenance and repair services. The Contractor shall submit a GSA Mileage and Fuel Usage Report per Section F. The Contractor shall ensure preventive maintenance is performed at the intervals specified by GSA, Fleet MCCs and, approved service providers.	Vehicles are picked up from the lessee and dropped off at the MCC or service provider and returned to the lessee as scheduled. Mileage and fuel usage reports submitted as required. Preventive maintenance is performed at the intervals specified by GSA, Fleet MCC's, and approved service providers.
3.2.2.2	Other Commercial Leased Vehicles	Per the commercial vehicle lease, the Contractor shall coordinate and schedule required maintenance and repair to ensure maintenance is kept up to date and repairs are performed in an expeditiously.	The Contractor shall pickup vehicle from user, transport vehicle to and from the service provider, return vehicle to user, and provide required reports. A commercial Fleet Services card will be issued for each commercially leased vehicle and shall be used by The Contractor for the purchase of fuel and minor maintenance and repair services.	Vehicles are picked up from the lessee and dropped off at the MCC or service provider and returned to the lessee as scheduled.
3.2.2.3	New and Used Reassigned Vehicles and Equipment Services	The Contractor shall perform specific services on all new and reassigned used vehicles added to the fleet to ensure proper and safe operation.	The work includes Government Owned, GSA, and Commercially Leased Vehicles and Equipment for Government use. **New Vehicles** Pick up new vehicles from the dealer and complete in-service preparation within five working days of notification of arrival. Prepare history jacket, property record information sheet (provided in J-1700000-05), Preventive Maintenance (PM) record, and initial new service SRO; perform an	History Jackets are established. New vehicles and equipment are delivered and serviced on time. Reassigned vehicles are serviced as required.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			initial safety inspection; clean windows; install parts/equipment shipped with vehicle; apply corrosion preventive compounds, if not applied by the manufacturer; service all fluid levels and tire pressures; and apply appropriate vehicle markings as required. Should any problems become identified, prepare a Quality Deficiency Report. **Reassigned Used Vehicles** Service includes an oil change, tune-up, lube, reliability inspection, and safety inspection. Should any deficiencies be found make repairs within the limits of liability and prepare a Quality Deficiency Report. Clean windows; install parts/equipment shipped with vehicle; apply corrosion preventive compounds, if not applied by the manufacturer; service all fluid levels and tire pressures; manufacture and install license plates; apply appropriate vehicle markings as required; and include new vehicles and equipment in the Preventive Maintenance (PM) schedule. Provide the required technical and parts manuals, ensure that accident reporting kits are in each GSA vehicle and coordinate all warranty requirements with the manufacturer or leaser. Be the sole POC on behalf of the Government between rental agency and customers. Document any damage upon turn-in from customer.	
3.3	Maintenance	The Contractor shall maintain, repair and alter Government owned and/or leased vehicles and equipment to ensure they are in fully operational condition.	BSVE are to be maintained and repaired. The Contractor shall submit a Maintenance Schedule per Section F. During any occurrence in which a selective exchange of parts between vehicles and equipment is recommended, the Contracting Officer must authorize the exchange. The Contractor shall ensure adequate parts are available to expedite maintenance repairs in order to meet allowable downtime standards.	Provided a monthly maintenance schedule as required. Adequate parts are available to expedite maintenance repairs. Records, data, and reports are accurate and complete. Downtime Standards are met.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall maintain on site, and update hard copies of documents filed at the Transportation Maintenance Technical Library for Government owned, GSA, and Other Leased Vehicles and Equipment. The Contractor shall properly mark vehicles and equipment as required so that vehicle identification markings are clear and visible at all times in accordance with NAVFAC P-300 and P-307. The Contractor shall maintain vehicle and equipment history files (hardcopy) for life of all units serviced under this contract. Antifreeze shall be tested and corrected every time vehicles are brought in for maintenance. Antifreeze protection shall be as specified by the manufacturer. Prepare and submit Shop Repair Orders for all work performed on all vehicles and equipment and maintain copies in each history file. Vehicles are maintained in accordance with OEM recommendations. Provide all tools, testing equipment, technical training, and technical related data necessary to service and maintain new or used vehicles and equipment throughout the contract. The Government may replace vehicles and equipment throughout the contract with newer units, which may change in mix, manufacturer, model, and types. The Contractor is responsible for in-service and maintaining these replaced units under the requirements. Vehicles to be maintained, along with the associated alpha code and priority, are listed in the Fleet Inventory provided in J-1700000-02 and J-1700000-02-01. Perform work in accordance with established priorities.	Shop Repair Orders are accurate and complete. Vehicles and equipment are properly marked in accordance with NAVFAC P-30 and P-307. Maintenance and repair functions are performed in accordance with manufacturer specifications and recommendations.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Historical Data is provided in J-1700000-07.	
3.3.1	Maintenance (Government-Owned)	The Contractor shall maintain, repair and alter Government owned vehicles and equipment to ensure they are in fully operational condition.	The Contractor shall manage the overall maintenance effort so equipment downtime does not exceed 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. Refer to J-1700000-09 for Instructions For Completing Alpha Group Summary And Excess Downtime Deductions Worksheets. The Contractor shall coordinate and complete all scheduled and unscheduled maintenance and repairs including field service. The Contractor shall perform installation, transfer, and/or repair of specialized equipment including, but not limited to special lights, radios, racks, shelves, tow-hitches, and other customer requested accessories. The Contractor shall be required to repair and maintain vehicles and equipment that exceed NAVFAC P-300 life expectancy as if they were in their fourth year of life expectancy. The Contractor shall provide required vehicle accident repair support, and maintain an accident/abuse log that will contain at minimum: vehicle registration number, date & time reported to maintenance, description of damage, unit and cost of repair. Vehicle Accident Reports (SF91)shall be submitted per Section F. Repairs will commence upon approval from the Contracting Officer. Vehicles are maintained in accordance with OEM recommendations.	Government-Owned BSVE maintenance and repair functions are performed in accordance with manufacturer specifications and recommendations. Downtime standards specified in the Allowable Individual Downtime by Alpha Code provided in J-1700000-03 are not exceeded. Accident reports provided monthly. The Contractor shall not exceed three validated customer complaints per month.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			The Contractor shall also be responsible for providing all tools, testing equipment (with the exception of tools, and testing equipment provided as GFE), technical training, and technical related data necessary to service and maintain new or used vehicles and equipment throughout the contract. The Government may replace vehicles and equipment throughout the contract with newer units. These replacement vehicles may change the mix, of manufacturer, model, and types. The Contractor is responsible for in-service and maintenance of these replaced units under the requirements.	
3.3.1.1	Inspection and Load Test Certification of WHE, MHE and OHE	Perform inspection, testing, and certification of all WHE, MHE and OHE to ensure equipment is maintained in a safe and fully operational condition.	The Contractor shall provide a schedule for testing the equipment listed in J-1700000-02 and J-1700000-02-01. Names of Contractor personnel performing load testing certification shall be submitted to the Contracting Officer within 30 days from contract start. The Contractor shall Inspect, test, and certify all WHE, MHE, and OHE at least annually and after an adjustment, repair, replacement, or alternation/modification of a load bearing or load controlling part in accordance with NAVFAC P-300, NAVFAC P-307, NAVSUP 538, NAVSEA OP-5 and the equipment manufacturer's instructions and manuals. Perform repairs found necessary as a result of any inspection/test, and/or maintenance deficiency. Fully comply with certification and alternation/modification requirements. The Contractor shall submit a Schedule for Testing and Certification of the equipment listed the Fleet Inventory provided in J-1700000-02 and J-1700000-02-01, per Section F. Testing and Certification Qualifications, including names and qualifications of Contractor personnel performing load testing certification shall be submitted per Section F. Post certifications on equipment after completion of Annual	Inspection and testing performed per NAVFAC P-300, NAVFAC P-307, and the equipment manufacturer's instructions and manuals as specified. Certification is current and posted on equipment in full view of operator; copy provided to Contracting Officer and a copy placed in history file within two working days. Repairs are identified and performed. Testing and certification are completed as per the Contractor's Schedule. SROs are accurate and complete.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Load Test and in full view of operator with copies provided to the Contracting Officer. Submit a Maintenance Inspection Specification and Record for crane categories 1 through 4 to the Contracting Officer for approval as per Section F. Conduct condition inspection for category 1 through 4 cranes in accordance with NAVFAC P-300 and P-307.	
3.3.1.2	Preventive Maintenance, Inspections and Repairs	The Contractor shall perform preventive maintenance (PM), inspections and repairs including safety and reliability inspections for automotive vehicles, to ensure safe and proper operation.	**Government Owned BSVE:** The Contractor shall submit a PM Schedule to include a PM checklist for each piece of equipment per Section F. All work shall be in accordance with the NAVFAC P-300 and OEM standards. PM shall be performed up to 14 calendar days prior to the due date if the equipment is in the shop for any other reason. PM inspections and any related repair work shall be completed within three working days after BSVE is received, except where the criteria for Priority 1 or 2 apply. The Contractor is responsible for repairs in accordance with Recurring Work thresholds found and Alpha Codes listed in J-1700000-03. Contractor is responsible for any repairs found during maintenance for Alpha codes A,E,H,I,and P is $5,000 in direct labor and material. Contractor is responsible for any repairs found during maintenance for Alpha codes B,C,F,J,M,N,O,R,S,T,and Z is $10,000 in direct labor and material. Contractor is responsible for any repairs found during maintenance for Alpha codes Q,X,and Y is $20,000 in direct labor and material.	Preventive maintenance schedule submitted as required. All checkpoints correctly completed. Safety and operational deficiencies found are corrected using accepted quality standards and manufacturer's recommendations. Work completed by date scheduled. SROs are accurate and complete.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			Work in excess of the above limit may be ordered under the non-recurring work portion of the contract. A guide to preventative maintenance of automotive and construction equipment can be found in J-1700000-10. This includes battery and tire maintenance and replacement. PM inspections and any related repair work shall be completed within three working days after BSVE is received, except where the criteria for Priority 1 or 2 applies. Maintenance personnel shall perform a walk-around safety inspection in conjunction with all maintenance or repair of vehicles and equipment. Safety Inspections shall include all applicable work elements listed in 1700000-11. Checks of brakes and steering may be accomplished when moving vehicle to or from parking area. 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. This inspection shall be accomplished at least annually. The date of inspection shall be documented on the SRO. All safety and / or operational deficiencies addressed. **GSA Leases Vehicles:** GSA will notify the Contractor of the PM requirements and schedules for its equipment maintenance. The Contractor shall deliver GSA equipment for preventive maintenance and follow the procedures in the GSA Fleet Users Guide for reporting	

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
			completion of the PM requirements. The GSA Fleet Users Guide can be found at: https://gsa.gov	
3.3.1.3	Rolling Stock Rubber Tire and Associated Equipment for Spare Tire Install	The Contractor shall maintain in each vehicle in the C-Pool an operational jack, spare tire, and lug wrench for every piece of rolling stock (rubber tired equipment), with the exception of heavy construction/ engineer equipment, in the equipment inventory.	The Government will provide the initial inventory of spare rims and tires, lug wrenches, jacks, and in newer vehicles a tire repair kit consisting of inflating device such as an air compressor and a bottle of sticky sealant, which are furnished with the equipment. Some cars with run flat tires have no spare or repair kits. The Government representative and a representative of the Contractor shall jointly conduct an inspection of the Government's inventory during the first week of the contract. Inventory items procured by the Contractor shall meet or exceed the manufacturer's recommendations in regard to quality, operational capability and other characteristics. The inventories shall be organized for efficient inventory control. At the expiration of the contract period, the Contractor and Government Representative shall jointly inspect the inventory prior to Government acceptance during the last week of the contract. The inventories in Section J do not include heavy construction/engineer equipment.	Inventories turned over to the Contractor shall be maintained in the automotive shop. The Contractor maintains the inventory items at the same levels as the Government provided originally. Lost or damaged inventory is replaced by The Contractor regardless of how the inventory was lost or damage. Damaged or lost inventory is replaced within 20 working days of the date the damage/loss is reported.
3.3.1.4	Calibrate Fuel Trucks	The Contractor shall perform semi-annual calibration of the fuel truck meters to ensure that fuel trucks are safe, operational.	Perform a wet run of 50-100 gallons recirculating fuel from truck through master meter and back into truck. Two runs in succession that are below error percentage .10, truck meter will be considered proved. This process will completed for all 15 trucks (minus any in shop) until site personnel advises that all Fuel Trucks have completed all calibrations. The Contractor shall submit a Fuel Truck Calibration Report as per Section F.	Fuel trucks are returned to safe, operable condition, and within acceptable fuel meter calibration standards.
3.4	Emergency Services	The Contractor shall accomplish Emergency Service in the shop and/or in the field to ensure	The Contractor shall respond to disabled BSVE within a 30 mile radius of the activity.	Disabled BSVE are responded to within 30 minutes during Government regular working hours and

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
		BSVE, including transient equipment, to safe and operational condition.	Emergency Service Orders may be used to complete emergency service repairs. The Government will provide a detailed scope of work for each task order. BSVE Emergency Services 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. Towing into shop, field service, and installation/repair of specialized equipment is also included. Work in excess of the above limit may be ordered under the non-recurring work portion of the contract.	within 2 hours after Government regular working hours. BSVE are returned to safe, operable condition. SROs are accurate and complete.
3.5	Emergency Work	The Contractor shall provide emergency repairs on emergency vehicles, equipment, and critical items as determined by the Contracting Officer or the designated representative.	Individual repairs shall not exceed two calendar days each without approval of the Contracting Officer or the designated representative. The Government will provide a detailed scope of work for each task order. Work in excess of the above limit may be ordered under the non-recurring work portion of the contract.	Emergency repairs are responded to within one hour after receipt of a request and work continues until repairs are complete.

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Spec Item	**Title**	**Performance Objective**	**Related Information**	**Performance Standard**
4	Non-Recurring Work	NON-RECURRING work may be ordered utilizing FedMall 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	Refer to NON-RECURRING 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 NON-RECURRING work will be the same as those in	

		accomplished. The period of performance will be specified in each order.	Spec Item 3 where applicable.	