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ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS

Definition	Description
Assessment	A general term referring to either a survey or inspection of a facility to determine condition.
Asset	A general term used to refer to an item, such as a component, system, building or facility, which is managed by an automated data management program.
Business Management System (BMS)	A web-based tool that provides a systematic method for the management of business processes, common practices, and process quality improvements that produce and support the most efficient and effective delivery of NAVFAC's products and services.
Competent Person	A person who has the professional experience and training necessary to identify existing and predictable hazards at a work or service environment, and who has the authority to take prompt and corrective action to eliminate or remove dangers from the environment. One who can identify existing and predictable hazards in the working environment or working conditions that are dangerous to personnel and who has authorization to take prompt corrective measures to eliminate them.
Component Inventory Management Unit (CIMU)	An organization of like-kind real property into manageable maintenance units. CIMU is a building component, group of components or component assemblies, serving a specific purpose in a facility that can be expected to follow a common and predictable lifecycle behavior. This class of non-equipment will include items such as exterior walls, exterior windows, interior finish, and roofs. This class of equipment will include items such as fan coil units, air handling units, lighting, and water closets. CIMUs can include one or more items of installed equipment typically subject to routine scheduled maintenance.
Confined Work Space	A space that is large enough and so configured that a person may bodily enter a space (such as in tanks, vessels, silos, storage bins, hoppers, vaults, pits, and like spaces where there is limited means of entry) and is hindered or restricted from escaping during an emergency.
Contracting Officer (KO)	That individual with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the Contracting Officer acting within the limits of their authority as delegated by the Contracting Officer.
Contracting Officer's Representative (COR)	The individual appointed by the KO responsible for monitoring the Contractor's technical compliance and progress, relative to assigned contract(s)/orders(s), based on the contract requirements specified in the PWS and in accordance with the PAP. The COR performs a variety of contract administration duties that includes oversight of PA, documenting and rating Contractor performance, reviewing invoices, and acceptance of work. Assignment as a COR is a collateral duty typically performed by the FSCM or SPAR.
Contractor	That entity or its representative responsible for the delivery of the services or materials specified in this contract, as designated by contract award. The term Contractor as used herein refers to both the prime Contractor and any subcontractors. The prime Contractor shall insure that subcontractors comply with the provision of this contract.
Contractor Representative	That individual appointed by the Contractor, either orally or in writing, who has been assigned responsibility for executing the requirements of this contract.
Direct Material Costs	The actual vendor invoice charges for materials used for performance of work under this contract. Direct material costs shall include transportation charges when such charges are included on the invoice by the vendor, as well as any discounts allowed for prompt payment and discounts or rebates for core value or salvage value that accrue to the Contractor. When questions arise concerning the cost of materials, material costs will be based on the lowest of quotes provided by the Contractor from at least three different commercial vendors for the direct material cost. The Government retains the right to obtain additional quotes in questionable situations. The lowest price will be used.

ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS

Definition	Description
Electronic Operation And Maintenance And Support Information (eOMSI)	A set of consultant-prepared data and document files that contain detailed, as-built technical information that describes the efficient, economical and safe operation, maintenance and repair of a facility, plant, equipment or system throughout its life cycle. Generally it is prepared during construction and submitted upon completion of a new facility or major facility upgrade. eOMSI's typically include asset information, staffing and budgeting information, supply support including critical spare parts, operating procedures, troubleshooting and diagnostic guides, extended warranty data, maintenance task frequencies and documentation, technical data, repair procedures and manufacturer's product data. eOMSI data and document files are provided in electronic formats.
Equipment	Tangible asset that is functionally complete for its intended purpose, durable, and non-expendable.
Facility	A building or structure designed and created to serve a particular function.
Fixed Burden Rate (FBR)	The additional costs (expressed in percent of direct material cost) for ordering, handling, and stockpiling materials and repair parts. For example, if the offeror's Fixed Burden Rate for materials in the Base Period is 10% then: $\$1,000.00 + (\$1,000.00 \times 10\%) = \$1,100.00$ <p>The Government will compensate the Contractor for the required parts and materials and not the total amount shown in Schedule of Non-Recurring Work.</p>
Frequency Of Service	Annual (A). Services performed once during each 12-month period of the contract at intervals of 335 to 395 days. Biennial (B). Services performed once during each 24-month period of the contract at intervals of 670 to 790 days. Daily (D5). Services performed once each calendar day, Monday through Friday, including holidays unless otherwise noted. Daily (D7). Services performed once each calendar day, seven days per week, including weekends and holidays. Monthly (M). Services performed 12 times during each 12-month period of the contract at intervals of 28 to 31 calendar days. Quarterly (Q). Services performed four times during each 12-month period of the contract at intervals of 80 to 100 calendar days. Semiannual (SA). Services performed twice during each 12-month period of the contract at intervals of 160 to 200 calendar days. Semimonthly (SM). Services performed 24 times during each 12-month period of the contract at intervals of 14 to 16 calendar days. Three times weekly (3W). Services performed three times a week, such as Monday, Wednesday, and Friday. Twice weekly (2W). Services performed twice a week, such as Monday and Thursday or Tuesday and Friday. Weekly (W). Services performed 52 times during each 12-month period of the contract at intervals of six to eight calendar days.
Government Furnished Property (GFP)	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 furnished property also includes contractor acquired property if the contractor acquired property is a deliverable under a cost contract when accepted by the Government for continued use under the contract.
Infrastructure Condition Assessment Program (ICAP)	A Navy automated data management program that utilizes historical asset lifecycle data and a structured assessment process to evaluate the condition facilities and their components.

ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS

Definition	Description
Inspection	A rigorous, detailed assessment of the condition of a facility performed to generate a fundable scope and cost estimate for prioritization and funding of maintenance and repair.
Job or Work Order	An authorization for work that requires planning and estimating and has an individual line of accounting for financial and performance evaluation.
Load Handling Equipment	A term used to describe cranes, hoists and all other hoisting equipment (hoisting equipment means equipment, including crane, derricks, hoists and power operated equipment used WITH RIGGING to raise, lower and/or horizontally move a load.
Maintenance And Repair	The preservation or restoration of a piece of equipment, system, or facility to such condition that it may be effectively used for its designated purposes. Maintenance/repair may be adjustment, overhaul, reprocessing, or replacement of constituent parts or materials that are missing or have deteriorated by action of the elements or usage, or replacement of the entire unit or system if beyond economical repair.
Performance Assessment	A method used by the Government to provide some measure of control over the quality of purchased goods and services received.
Performance Assessment Representative (PAR)	The individual(s) assigned as a Technical Point of Contact (TPOC) / Subject Matter Expert (SME) to the COR to perform duties as the on-site representative who assesses Contractor performance. The PAR periodically observes Contractor performance, reviews delivered services, reviews quality management corrective actions, periodically assesses and documents Contractor performance on PAWs and the MPAS, and communicates findings as necessary with the Contractor, SPAR, and COR.
Pre-Expended Bin Materials And Supplies	The minor materials and supplies that are incidental to the job, for which the total direct cost of any one material line item shown on the material estimate is \$10.00 or less. Examples of pre-expended bin materials and supplies include, but are not limited to, solder, lead, flux, electrical connectors, electrical tape, fuses, nails, screws, bolts, nuts, washers, spacers, masking tape, sand paper, solvent, cleaners, lubricants, grease, oil, rags, mops, glue, epoxy, spackling compound, joint tape, plumbers tape and compound, clips, welding rods, and touch up paint.
Property Administrator	An authorized representative of the Contracting Officer who is responsible for administering contract property requirements, terms and conditions of the contract
Property Management Program	A Government program established for the purpose of reviewing and approving the Contractor's Property Management Plan and System through performance of a system analysis whenever government property is in the possession of the Contractor.
Quality Assurance (QA)	The planned and systematic activities implemented in a quality system so that quality requirements for a product or service will be fulfilled.
Quality Control (QC)	The observation techniques and activities used to fulfill requirements for quality.
R. S. Means	A data collection and organization system developed by R. S. Means Company which can be used to prepare accurate, dependable construction estimates and budgets in a variety of ways. The Contractor shall use the latest edition. Material prices are based on a national average and computed labor costs are based on a 30-city national average. An estimate prepared using this data is called a "Means estimate"; data may simply be referred to as "Means".
Response Time	The time allowed the Contractor after initial notification of a work requirement to be physically on the premises at the work site with appropriate personnel, tools, equipment, and materials, ready to perform the work required.

ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS

Definition	Description
Unit Priced Labor (UPL) Hour	The unit price bid by the Contractor to perform one hour of work-in-place. With the exception of direct material and construction equipment costs, the unit price includes all indirect and direct costs associated with performing work. The price includes the Contractor's hourly composite trade wage, adjusted to allow for workforce productivity; costs for pre-expended bin materials, union agreements, crew sizes, hand tools, payroll burdens and fringes, overtime, job (field) overhead (including clerical support, supervision, inspection, fees, taxes, licenses, permits, and insurance), general and administrative (home office) overhead, and profit. Additionally, time for job preparation, safety standby personnel, and similar indirect labor elements are included.

ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS (cont'd)

Acronym	Title
ACO	Administrative Contracting Officer
BW	Biweekly
CDR	Contract Discrepancy Report
CIA	Controlled Industrial Area
CIMU	Component Inventory Management Unit
CMMS	Computerized Maintenance Management System
COR	Contracting Officer Representative
COR	Condition of Readiness
DBH	Diameter at Breast Height
DCR	Direct Condition Rating
DoD	Department of Defense
DoN	Department of Navy
DRMO	Defense Reutilization Management Office
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FAR	Federal Acquisition Regulation
FFP	Firm Fixed Price
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
FSC	Facility Support Contract
FSCM	Facility Support Contract Manager
GIS	Geospatial Information System
GFE	Government-furnished Equipment
GFF	Government-furnished Facilities
GFM	Government-furnished Materials
HCA	Head Contracting Agency
ICAP	Infrastructure Condition Assessment Program
ICP	Integrated Contingency Plan
IDIQ	Indefinite Delivery Indefinite Quantity
iNFADS	Internet Navy Facilities Asst Data Store
IPM	Integrated Pest Management
IPMIS	Integrated Pest Management Information System
IPMP	Integrated Pest Management Plan
KO	Contracting Officer
LAN	Local Area Network
M	Monthly
MAP	Maintenance Action Plan
MDI	Mission Dependency Index
MEP	Mechanical, Electrical and Plumbing
MPAS	Monthly Performance Assessment Summary
MRI	Mission Readiness Index
MSDS	Material Safety Data Sheets
NAVFAC	Naval Facilities Engineering Command
NMCI	Navy Marine Corps Intranet
NOSC	Navy-On-Scene Coordinator
PAP	Performance Assessment Plan
PAR	Performance Assessment Representative
PAW	Performance Assessment Worksheet
PEO	Program Executive Officer
PM	Project Manager
PM	Planned Maintenance or Preventative Maintenance
PRCSP	Permit Required Confined Space Program

ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS (cont'd)

Acronym	Title
PWS	Performance Work Statement
PWO	Public Works Officer
Q	Quarterly
QC	Quality Control
RPIE	Real Property Inventory Equipment
RSL	Remaining Service Life
SC	Security Clearances
SM	Semimonthly
SPAR	Senior Performance Assessment Representative
TE	Technical Exhibit
VIQ	Variation in Quantity
WBS	Work Breakdown Structure

ATTACHMENT J-0200000-02
 DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
ANSI	American National Standard Institute
ASME	American Society of Mechanical Engineers
ASSE	American Society of Safety Engineers
CFR	Code of Federal Regulations
EM 385-1-1	U.S. Army Corps of Engineers Safety and Health Requirements
E.O. 13423	Strengthening Federal Environmental, Energy, and Transportation Management”
E.O. 13514	Federal leadership in Environmental, Energy, and Economic Performance
EPA	Environmental Protection Agency
FAR	Federal Acquisition Regulation
ISEA	International Safety Equipment Association
NEC	National Electric Code
NFPA	National Fire Protection Association
OEBGD	Overseas Environmental Base Guideline Directive
OPNAVINST 5090.1	Environmental Readiness Program
Public Law 91-596	Occupational Safety and Health Act
UFGS 01 35 26	Unified Facilities Guide Specifications

ATTACHMENT J-0200000-03
FORMS

Reference No./Name	Title
CSIR	Contract Significant Incident Report (Sample Form Attached Below)
DD-1149	Requisition and Invoice/Shipping Document
DD-1348-1A	Issue Release/Receipt Document
DD-1384	Transportation Control and Movement Document
DD-1387	Military Shipment Label
DD-1532-1	Pest Management Maintenance Record Form
OF-127	Receiving and Inspection Report

Initial Report Follow-up Report Final Report

Contractor Significant Incident Report (CSIR)

1. General Information

Contracting Activity:

Accident Classification:

- Injury Fatality Environment Procedural Issues
- Lessons Learned
- Illness Property Damage
- Other _____

Involving:

- Confined Space Equip/Mrt Ver/Mat Handling (Heavy Construction Equip.)
- Hazardous Material
- Crane and Rigging Equip/Mrt Ver/Mat Handling (Material Handling)
- Trenching/Excavation
- Diving Equip/Mrt Ver/Mat Handling (Man-Lift/Elevated Platform)
- Waterfront/Marine Operations
- Demolition/Renovation Fall from Ladder Fall from Scaffold
- Other _____
- Electrical Fall from Roof Fire

2. Personal Information

Name (Last, First, MI):	Age:	Sex:
Job Title/Description:	Employed By:	
Supervisor Name (Last, First, MI) & Title:	Was the person trained to perform this activity/task? <input type="checkbox"/> Yes <input type="checkbox"/> No	
What type of training was received (OJT, classroom, etc)?	Date of the most recent formal training and topics discussed?	

3. Witness Information

Witness #1: Name (Last, First, MI):	Job Title/Description:
Employed By:	Supervisor Name (Last, First, MI):

Witness #2: Name (Last, First, MI):	Job Title/Description:
Employed By:	Supervisor Name (Last, First, MI):
Additional Witnesses: <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(List any additional witnesses on a separate sheet and attach.)</i>	

4. Contract Information	
Type of Contract: <input type="checkbox"/> A/E <input type="checkbox"/> BOS <input type="checkbox"/> CLEAN <input type="checkbox"/> Construction <input type="checkbox"/> Design Build <input type="checkbox"/> FSCC <input type="checkbox"/> FSSC <input type="checkbox"/> JOC <input type="checkbox"/> RAC <input type="checkbox"/> Service <input type="checkbox"/> Other _____	
Contract Number & Title:	Industrial Group & Industrial Type:
Prime Contractor Name/Address/Phone & Fax No:	Sub Contractor Name/Address/Phone & FAX No:
Safety Manager (Last, First, MI):	Safety Manager (Last, First, MI):
Insurance Carrier:	Insurance Carrier:

5. Accident Description		
Date of Accident:	Time of Accident:	Exact Location of Accident:
Describe the accident in detail in your words: (Use the back of page if you need additional space)		

Direct Cause(s) of Accident:	
Indirect Cause(s) of Accident:	
Action(s) taken to prevent re-occurrence or provide on-going corrective actions:	
Corrective Action Beginning Date:	Anticipated Completion Date:
Personal Protective Equipment:	
<input type="checkbox"/> Available and used <input type="checkbox"/> Available and not used <input type="checkbox"/> Not Required <input type="checkbox"/> Not related to Mishap <input type="checkbox"/> Wrong PPE for job	
List PPE Used:	
Type of Construction Equipment (Make, Model, Serial #, VIN#) Involved:	
Was Hazardous Material Spilled/Released? <input type="checkbox"/> Yes	

No

Please List Hazardous Material(s) Involved:

Who provided first aid or cleanup of mishap site?

Any blood-borne pathogen exposure, other than EMTs?

Yes

No

Who?

List OSHA and EM-385-1-1 standards that were violated:

Was site secured and witness statements taken immediately?

Yes

No

By Whom?

6. Injury Illness/Fatality Information

Severity of Injury/Illness:

Fatality

Lost Workday Case Involving Days Away From Work

Temporary Disability

Recordable Workday Case Involving Restricted Duty

Permanent Total Disability

Other Recordable Case

Recordable First Aid Case

Permanent Partial Disability

Non-Recordable Case

No Injury

Estimated Days Lost:

Estimated Days Hospitalized:

Estimated Days Restricted Duty:

List Primary Body Part Affected:

List Other Body Part(s) Affected:

Nature of Injury/Illness for Primary Body Part (Examples: Amputation, Burn, Hernia):	
Type of Accident (Examples: Fall same level, Lifting, Bitten, Exerted):	
Source of Accident (Examples: Crane, Carbon Monoxide, Ladder, Welding Equipment):	
7. Causal Factors (Explain answers on supplementary sheet)	
• Design – Design of facility, workplace, or equipment was a factor?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Inspection/Maintenance – Inspection & Maintenance procedures were a factor?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Persons Physical Condition – In your opinion, the physical condition of the person was a factor?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Operation Procedures – Operating procedures were a factor?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Job Practices – One or more job safety/health practices not being followed when the accident occurred contributed to the accident?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Human Factors – One or more human factors, such as a person's size or strength contributed to the accident?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Environmental Factors – Heat, cold, dust, sun, glare, etc., contributed to the accident?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Chemical and Physical Agent Factors – Exposure to chemical agents, such as dust, fumes, mist, vapors, or physical agents such as noise, radiation, etc., contributed to the accident?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Office Factors – Office setting such as lifting office furniture, carrying, stooping, contributed to the accident?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Support Factors – Inappropriate tools/resources were provided to perform the task?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• PPE – Improper selection, use or maintenance of PPE contributed to the accident?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Drugs/Alcohol – In your opinion, were drugs or alcohol a factor?	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Job Hazard Analysis – The lack of an adequate (IAW-EM-385-1-1 Sec 01.A) activity hazard analysis was a contributing factor.	<input type="checkbox"/> Yes <input type="checkbox"/> No

<ul style="list-style-type: none"> • Job Hazard Analysis – JHA was not site specific and/or did not address the type of work/operations performed when the mishap occurred. 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • Management – A lack of adequate supervision contributed to the accident. 	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • Management – Inadequate information was provided at pre con meeting. 	<input type="checkbox"/> Yes <input type="checkbox"/> No

CONTRACTOR SIGNIFICANT INCIDENT REPORT (CSIR) INSTRUCTIONS
Complete Sections Appropriate to Incident (Rev. 06/02).

NOTE: THE ATTACHED CSIR FORM IS TO BE USED BY CONTRACTORS TO RECORD THE RESULTS OF THEIR ACCIDENT/INCIDENTS INVESTIGATIONS AND SHALL BE PROVIDED TO THE CONTRACTING OFFICER WITHIN THE REQUIRED TIMEFRAMES.

GENERAL. Complete a separate report for each person who was injured in the accident. A report needs to be completed for all OSHA recordable accidents, property damage in excess of \$2000.00 (This amount is for record purposes only. GOV is not required to enter property damage reports into FAIR database if it is less than \$10,000.00.), WHE accidents, or near miss/high visibility mishaps. Please type or print legibly. Appropriate items shall be marked with an "X" in box(es), non-applicable sections shall be marked "N/A". If additional space is needed, provide the information on a separate sheet of paper and attach to the completed form.

Mark the report:

INITIAL – If this form is being used as initial notification of a Fatality or High Visibility Mishap. The initial form is due within 4 hours of a serious accident. A form marked 'Follow-up' or 'Final' is required within 5 days.

FOLLOW-UP – If you are providing additional information on a report previously submitted.

FINAL – If you are providing a completed report and expect no changes.

SECTION 1 – GENERAL INFORMATION

CONTRACTING ACTIVITY/ROICC OFFICE - Enter the name and address of the Contracting Office administering the contract under which the mishap took place (e.g. ROICC MCBH, ROICC NORFOLK, PWC GUAM, etc.).

ACCIDENT CLASSIFICATION - INJURY/ILLNESS/FATALITY/PROPERTY DAMAGE/-PROCEDURAL ISSUES/-ENVIRONMENTAL/LESSONS LEARNED/OTHER – Mark the appropriate block(s) if the incident resulted in any of these conditions.

INVOLVING - If the mishap involved any of the conditions listed under "Involving" mark the appropriate box(es). Specific questions associated with each of these conditions are available from the Contracting Officer to assist you in your investigation. When these questions are used they shall be attached as part of this report.

SECTION 2 - PERSONAL INFORMATION

NAME - Enter last name, first name, middle initial of person involved.

AGE - Enter age.

SEX - Enter M for Male and F for Female.

JOB TITLE/DESCRIPTION - Enter the job title/description assigned to the injured person (e.g. carpenter, laborer, surveyor, etc.).

EMPLOYED BY - Enter employment company name of the person involved.
SUPERVISOR'S NAME & TITLE - Enter name and title of the immediate supervisor.
WAS PERSON TRAINED TO PERFORM ACTIVITY/TASK? - For the purpose of this section "trained" means the person has been provided the necessary information (either formal and/or on-the-job (OJT) training) to competently perform the activity/task in a safe and healthful manner.
TYPE OF TRAINING - Indicate the specific type of training (classroom or on-the-job) that the injured person received before the accident happened.
DATE OF MOST RECENT FORMAL TRAINING/TOPICS DISCUSSED - Enter the month, day, and year of the last formal training completed that covered the activity/task being performed at the time of the accident. List topics that were discussed at the training identified above.

SECTION 3 - WITNESS INFORMATION

The following applies to Witness #1 and Witness #2:

WITNESS NAME - Enter last name, first name, middle initial of the witness.

JOB DESCRIPTION/TITLE - Enter the job title/description assigned to the witness (e.g. carpenter, laborer, surveyor, etc.).

EMPLOYED BY - Enter the name of the employment company of the witness.

SUPERVISORS NAME - Enter name of immediate supervisor of the witness.

ADDITIONAL WITNESSES - Provide same information, as above, for each witnesses. Use additional pages if necessary.

SECTION 4 - CONTRACTOR INFORMATION

TYPE OF CONTRACT - Mark appropriate box. A/E means architect/engineer. If "OTHER" is marked, specify type of contract on line provided.

CONTRACT NUMBER/TITLE - Enter complete contract number and title of prime contract (e.g. N62477-85-C-0100, 184 Pearl City Hsg. Revitalization).

CONSTRUCTION INDUSTRIAL GROUP AND INDUSTRIAL TYPE - This is the type of construction that will be done at this project.

1. First, you must choose the Industrial Group. You have 4 choices to choose from: (**NOTE!** Review of the Industrial Types below and knowing what the projects scope of work is will assist you in deciding what the Industrial Group should be.)

- a. Buildings
- b. Heavy Industrial
- c. Infrastructure
- d. Light Industrial

2. Once you have chosen the Industrial Group, you now select the Industrial Type. You have multiple choices under each Group, chose the one you feel fits the project most closely because on most projects there won't be an exact match:

- a. Buildings:
 - (1) Communications Ctr.
 - (2) Dormitory/Hotel
 - (3) High-rise Office
 - (4) Hospital
 - (5) Housing
 - (6) Laboratory
 - (7) Low-rise Office
 - (8) Maintenance Facility
 - (9) Parking Garage
 - (10) Physical Fitness Ctr.
 - (11) Restaurant/Nightclub
 - (12) School
 - (13) Warehouse
- b. Heavy Industrial:
 - (1) Chemical Mfg.

- (2) Electrical (Generating)
- (3) Environmental
- (4) Metals Refining/Processing
- (5) Mining
- (6) Natural Gas Processing
- (7) Oil Exploration/Production
- (8) Oil Refining
- (9) Pulp and Paper

c. Infrastructure:

- (1) Airport
- (2) Electrical Distribution
- (3) Flood Control
- (4) Highway
- (5) Marine Facilities
- (6) Navigation
- (7) Rail
- (8) Tunneling
- (9) Water/Wastewater

d. Light Industrial:

- (1) Automotive Assembly/Mfg.
- (2) Consumer Products Mfg.
- (3) Foods
- (4) Microelectronics Mfg.
- (5) Office Products Mfg.
- (6) Pharmaceuticals Mfg.

CONTRACTOR'S NAME/ADDRESS/PHONE NUMBER

(1) PRIME - Enter the exact name (title of firm), address, phone and fax numbers of the prime contractor.

(2) SUBCONTRACTOR - Enter the exact name, address, phone and fax numbers of any subcontractor involved in the accident.

SAFETY MANAGER'S NAME

(1) PRIME - Enter the name of the prime contractor safety manager.

(2) SUBCONTRACTOR - Enter the name of the subcontractors safety manager.

INSURANCE CARRIER

(1) PRIME - Enter the exact name/title of the prime's insurance company. Policy number not required.

(2) SUBCONTRACTOR - Enter the exact name of the subcontractor's insurance company. Policy number not required.

SECTION 5 - ACCIDENT DESCRIPTION

DATE OF ACCIDENT - Enter the month, day, and year of accident.

TIME OF ACCIDENT - Enter the local time of accident in military time. Example: 14:30 hrs (not 2:30 p.m.).

EXACT LOCATION OF ACCIDENT - Enter facts needed to locate the accident scene (installation/project name, building/room number, street, direction and distance from closest landmark, etc.).

DESCRIBE THE ACCIDENT IN DETAIL. Fully describe the accident in the space provided. If property damage involved, give estimated dollar amount of damage and/or repair costs involved. If additional space is needed continue on a separate sheet and attach to this report. Give the sequence of events that describe what happened leading up to and including the accident. Fully identify personnel and equipment involved and their role(s) in the accident. Ensure that relationships between personnel and equipment are clearly specified. Ensure questions below regarding direct cause(s), indirect cause(s), and actions taken are answered. **NOTE!** Review questions in Section 7 below before completing.

DIRECT CAUSE(S) - The direct cause is that single factor which most directly lead to the accident. See examples below.

INDIRECT CAUSE(S) - Indirect cause are those factors, which contributed to, but did not directly initiate the occurrence of the accident.

Examples for Direct and Indirect Cause:

1. Employee was dismantling scaffold and fell 12 feet from unguarded opening.

Direct cause: Failure to provide fall protection at elevation

Indirect causes: Failure to enforce safety requirements: improper training/motivation of employee (possibility that employee was not knowledgeable of fall protection requirements or was lax in his attitude toward safety); failure to ensure provision of positive fall protection whenever elevated; failure to address fall protection during scaffold dismantling in phase hazard analysis.

2. Private citizen had stopped his vehicle at intersection for red light when vehicle was struck in rear by contractor vehicle. (note contractor vehicles was in proper safe working condition.)

Direct cause: Failure of contractor driver to maintain control of and stop contractor vehicle within safe distance.

Indirect cause: Failure of employee to pay attention to driving (defensive driving).

ACTION(S) TAKEN TO PREVENT RE-OCCURRENCE OR PROVIDE ON-GOING

CORRECTIVE ACTIONS. Fully describe all the actions taken, anticipated, and recommended to eliminate the cause(s) and prevent reoccurrence of similar accidents/illnesses. Continue on back or additional sheets of paper if necessary to fully explain and attach to the complete report form.

CORRECTIVE ACTION DATES -

(1) Beginning - Enter the date when the corrective action(s) identified above will begin.

(2) Anticipated Completion - Enter the date when the corrective action(s) identified above will be completed.

PERSONAL PROTECTIVE EQUIPMENT (PPE) - Mark appropriate box(es) and list PPE which was being used by the injured person at the time of the accident (e.g. protective clothing, shoes, glasses, goggles, respirator, safety belt, harness, etc.)

TYPE OF CONTRACTOR EQUIPMENT - Enter the Serial Number, Model Number and specific type of equipment involved in the mishap (e.g. dump truck (off highway), crane (rubber tire), pump truck (concrete), etc.).

WAS HAZARDOUS MATERIAL SPILLED/RELEASED? - Mark appropriate block and list name(s) of any reportable quantities of hazardous materials spilled/released during the mishap.

WHO PROVIDED FIRST AID OR CLEAN-UP OF MISHAP SITE? - List name(s) of individual(s) and employer, if known.

HOGEN EXPOSURE, OTHER THAN EMT? - Mark appropriate block and list name(s) of individual(s) and employer, if known.

LIST OSHA AND/OR EM 385-1-1 STANDARDS THAT WERE VIOLATED. - Self explanatory.

WAS SITE SECURED AND WITNESS STATEMENT TAKEN IMMEDIATELY? - Mark appropriate block and list by whom.

SECTION 6 - INJURY/ILLNESS/FATALITY INFORMATION

SERVERITY OF INJURY/ILLNESS – Mark appropriate box.

ESTIMATED DAYS LOST - Enter the estimated number of workdays the person will lose from work. Update when final data is known.

ESTIMATED DAYS HOSPITALIZED - Enter the estimated number of workdays the person will be hospitalized. Update when final data is known.

ESTIMATED DAYS RESTRICTED DUTY - Enter the estimated number of workdays the person, as a result of the accident, will not be able to perform all of their regular duties. Update when final data is known.

BODY PART(S) AFFECTED - Enter the most appropriate primary and when applicable, secondary, etc. body part(s) affected (e.g. arm: wrist: abdomen: single eye; jaw : both elbows: second finger: great toe: collar

bone: kidney, etc.).

NATURE OF INJURY/ILLNESS FOR PRIMARY BODY PART - Enter the most appropriate nature of injury/illness (e.g. amputation, back strain, dislocation, laceration, strain, asbestosis, food poisoning, heart conditions, etc.).

TYPE AND SOURCE OF INJURY/ILLNESS - Type and Source Codes are used to describe what caused the incident.

(1) **TYPE** Code stands for an “Action” (Example: Worker, installing conduit, lost his balance and fell five feet from a ladder. Type Code: Fell different levels”.) Select the most appropriate Type of injury from the list below:

TYPE OF INJURY/ILLNESS

STRUCK BY/AGAINST	CONTACTED CONTACTED WITH (INJURED PERSON MOVING) CONTACTED BY (OBJECT WAS MOVING)
FELL, SLIPPED, TRIPPED SAME LEVEL/DIFFERENT LEVEL/NO FALL	EXERTED LIFTED, STRAINED BY (SINGLE ACTION) STRESSED BY (REPEATED ACTION)
CAUGHT ON/IN/BETWEEN	EXPOSED INHALED/INGESTED/ABSORBED/EXPOS ED TO
PUNCTURED, LACERATED PUNCTURED BY/CUT BY/STUNG BY/BITTEN BY	TRAVELING IN

(2) **SOURCE** Code stands for an “object or substance.” (Example: Worker, installing conduit, lost his balance and fell five feet from a ladder. Source Code: “Ladder”.) Select the most appropriate Source of injury from the list below:

SOURCE OF INJURY/ILLNESS

BUILDING OR WORKING AREA WALKING/WORKING AREA STAIRS/STEPS LADDER FURNITURE BOILER/PRESSURE VESSEL EQUIPMENT LAYOUT WINDOWS/DOORS ELECTRICITY	DUST, VAPOR, ETC. DUST (SILICA, COAT, ETC.) FIBERS ASBESTOS GASES CARBON MONOXIDE MIST, STEAM, VAPOR, FUME WELDING FUMES PARTICLES (UNIDENTIFIED)
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<p>ENVIRONMENT CONDITION</p> <p>TEMPERATURE EXTREME (INDOOR)</p> <p>WEATHER (ICE, RAIN, HEAT, ETC.)</p> <p>FIRE, FLAME, SMOTE (NOT TABACCO)</p> <p>NOISE</p> <p>RADIATION</p> <p>LIGHT</p> <p>VENTILATION</p> <p>TOBACCO SMOKE</p> <p>STRESS (EMOTIONAL)</p> <p>CONFINED SPACE</p>	<p>CHEMICAL, PLASTIC, ETC.</p> <p>DRY CHEMICAL - CORROSIVE</p> <p>DRY CHEMICAL - TOXIC</p> <p>DRY CHEMICAL - EXPLOSIVE</p> <p>DRY CHEMICAL - FLAMMABLE</p> <p>LIQUID CHEMICAL - CORROSIVE</p> <p>LIQUID CHEMICAL - TOXIC</p> <p>LIQUID CHEMICAL - EXPLOSIVE</p> <p>LIQUID CHEMICAL - FLAMMABLE</p> <p>PLASTIC</p> <p>WATER</p> <p>MEDICINE</p>
<p>MACHINE OR TOOL</p> <p>HAND TOOL (POWERED: SAW, GRINDER, ETC.)</p> <p>HAND TOOL (NON POWERED)</p> <p>MECHANICAL POWER TRANSMISSION APPARATUS</p> <p>GUARD, SHIELD (FIXED, MOVEABLE, INTERLOCK)</p> <p>VIDEO DISPLAY TERMINAL</p> <p>PUMP, COMPRESSOR, AIR PRESSURE TOOL</p> <p>HEATING EQUIPMENT</p> <p>WELDING EQUIPMENT</p>	<p>INANIMATE OBJECT</p> <p>BOX, BARREL, ETC.</p> <p>PAPER</p> <p>METAL ITEM, MINERAL</p> <p>NEEDLE</p> <p>GLASS</p> <p>SCRAP, TRASH, WOOD</p> <p>FOOD</p> <p>CLOTHING, APPAREL, SHOES</p>
<p>MACHINE OR TOOL</p> <p>HAND TOOL (POWERED: SAW, GRINDER, ETC.)</p> <p>HAND TOOL (NON POWERED)</p> <p>MECHANICAL POWER TRANSMISSION APPARATUS</p> <p>GUARD, SHIELD (FIXED, MOVEABLE, INTERLOCK)</p> <p>VIDEO DISPLAY TERMINAL</p> <p>PUMP, COMPRESSOR, AIR PRESSURE TOOL</p> <p>HEATING EQUIPMENT</p> <p>WELDING EQUIPMENT</p>	<p>INANIMATE OBJECT</p> <p>BOX, BARREL, ETC.</p> <p>PAPER</p> <p>METAL ITEM, MINERAL</p> <p>NEEDLE</p> <p>GLASS</p> <p>SCRAP, TRASH, WOOD</p> <p>FOOD</p> <p>CLOTHING, APPAREL, SHOES</p>
<p>VEHICLE</p> <p>AS DRIVER OF PRIVATELY OWNED, RENTAL VEH.</p> <p>AS PASSENGER OF PRIVATELY OWNED, RENTAL VEH.</p> <p>DRIVER OF GOVERNMENT VEHICLE</p> <p>PASSENGER OF GOVERNMENT VEHICLE</p> <p>COMMON CARRIER (AIRLINE, BUS, ETC.)</p> <p>AIRCRAFT (NOT COMMERCIAL)</p> <p>BOAT, SHIP, BARGE</p>	<p>ANIMATE OBJECT</p> <p>DOG</p> <p>OTHER ANIMAL</p> <p>PLANT</p> <p>INSECT</p> <p>HUMAN (VIOLENCE)</p> <p>HUMAN (COMMUNICABLE DISEASE)</p> <p>BACTERIA, VIRUS (NOT HUMAN CONTACT)</p>
<p>MATERIAL HANDLING EQUIPMENT</p> <p>EARTHMOVER (TRACTOR, BACKHOE, ETC.)</p> <p>CONVEYOR (FOR MATERIAL AND EQUIPMENT)</p> <p>ELEVATOR, ESCALATOR, PERSONNEL HOIST</p> <p>HOIST, SLING CHAIN, JACK</p> <p>CRANE</p> <p>FORKLIFT</p> <p>HANDTRUCK, DOLLY</p>	<p>PERSONAL PROTECTIVE EQUIPMENT</p> <p>PROTECTIVE CLOTHING, SHOES,</p> <p>GLASSES, GOGGLES</p> <p>RESPIRATOR, MASK</p> <p>DIVING EQUIPMENT</p> <p>SAFETY BELT, HARNESS</p> <p>PARACHUTE</p>

SECTION 7 - CAUSAL FACTORS

Review thoroughly. Answer each question by marking the appropriate block. **NOTE!** If any answer is yes, explain in section 5 above.

- (1) **DESIGN** - Did inadequacies associated with the building or work site play a role? Would an improved design or layout of the equipment or facilities reduce the likelihood of similar accidents? Were the tools or other equipment designed and intended for the task at hand?
- (2) **INSPECTION/MAINTENANCE** - Did inadequately or improperly maintained equipment, tools, workplace, etc., create or worsen any hazards that contributed to the accident? Would better equipment, facility, work site or work activity inspections have helped avoid the accident?
- (3) **PERSONS PHYSICAL CONDITION** - Do you feel that the accident would probably not have occurred if the employee was in "good" physical condition? If the person involved in the accident had been in better physical condition, would the accident have been less severe or avoided altogether? Was overexertion a factor?
- (4) **OPERATION PROCEDURES** - Did lack of or inadequacy within established operating procedures contribute to the accident? Did any aspect of the procedures introduce any hazard to, or increase the risk associated with the work process? Would establishment or improvement of operating procedures reduce the likelihood of similar accidents?
- (5) **JOB PRACTICES** - Were any of the provision of the Safety and Health Requirements Manual (EM 385-1-1) violated? Was the task being accomplished in a manner which was not in compliance with an established job hazard analysis or activity hazard analysis? Did any established job practice (including EM 385-1-1) fail to adequately address the task or work process? Would better job practices improve the safety of the task?
- (6) **HUMAN FACTORS** - Was the person under undue stress (either internal or external to the job)? Did the task tend toward overloading the capabilities of the person: i.e., did the job require tracking and reacting to many external inputs such as displays, alarms, or signals? Did the arrangement of the workplace tend to interfere with efficient task performance? Did the task require reach strengths, endurance, agility, etc., at or beyond the capabilities of the employee? Was the work environment ill-adapted to the person? Did the person need more training, experience, or practice in doing the task? Was the person inadequately rested to perform safely?
- (7) **ENVIRONMENTAL FACTORS** - Did any factors such as moisture, humidity, rain, snow, sleet, hail, ice, fog, cold, heat, sun temperature changes, wind, tides, floods, currents, terrain; dust, mud, glare, pressure changes, lighting, etc., play a part in the accident?
- (8) **CHEMICAL AND PHYSICAL AGENT FACTORS** - Did exposure to chemical agents (either single shift exposure or long-term exposure such as dusts, fibers, (asbestos, etc.), silica, gases (carbon, monoxide, chlorine, etc.), mists, steam, vapors, fumes, smoke, other particulates, liquid or dry chemicals that are corrosive, toxic, explosive or flammable, by-products of combustion or physical agents such as noise, ionizing radiation, non-ionizing radiation (UV radiation created during welding, etc.) contribute to the accident/incident?
- (9) **OFFICE FACTORS** - Did the fact that the accident occurred in an office setting or to an office worker have a bearing on its cause? For example, office workers tend to have less experience and training in performing tasks such as lifting office furniture. Did physical hazards within the office environment contribute to the hazard?
- (10) **SUPPORT FACTORS** - Was the person using an improper tool for the job? Was inadequate time available or utilized to safely accomplish the task? Were less than adequate personnel resources (in terms of employee skills, number of workers, and adequate supervision) available to get the job done properly? Was funding available, utilized and adequate to provide proper tools, equipment, personnel, site preparation, etc.
- (11) **PERSONAL PROTECTIVE EQUIPMENT** - Did the person fail to use appropriate personal protective equipment (gloves, eye protection, hard-toed shoes, respirator, etc) for the task or environment? Did protective equipment provided or worn fail to provide adequate protection from the hazard(s)? Did lack of or inadequate maintenance of protective gear contribute to the accident?
- (12) **DRUGS/ALCOHOL** - Is there any reason to believe the person's mental or physical capabilities, judgment, etc., were impaired or altered by the use of drugs or alcohol? Consider the effects of prescription medicine and over the counter medications as well as illicit drug use. Consider the effect of

drug or alcohol induced “hangovers”.

(13) **JOB/ACTIVITY HAZARD ANALYSIS** - Was a written Job/Activity Analysis completed for the task being performed at the time of the accident? If one was made, did it address the hazard adequately or does it need to be updated? If none made, will one be made? These may also need to be addressed in the Corrective Actions Taken section. Mark the appropriate box. If one was made, attach a copy of the analysis to the report.

(14) **MANAGEMENT** - Did the lack of supervisor or management support play a part in the mishap? Mark the appropriate box.

SECTION - 8 OSHA INFORMATION - Complete this section if applicable

SECTION 9 - REPORT PREPARER

Providing a completed CSIR to the Contracting Officer is the PRIME CONTRACTOR’S RESPONSIBILITY. Enter the name, date of report, title, employer, phone number and signature of person completing the accident report and provide it to the Contracting Officer, or his representative, responsible for oversight of that contractor activity. **NOTE!** If prepared by other than the Prime Contractor, a person employed by the Prime Contractor must sign that they have reviewed and concur with the report and it’s findings (e.g. company owner, project supervisor/foreman, Safety Officer, etc.).

ATTACHMENT J-0200000-04
GOVERNMENT-FURNISHED PROPERTY, MATERIALS, AND SERVICES

Government Furnished Facilities					
Building Name	Room#	Space Name	Area	Capacity	Other Informtion
Administrative	109	Dispatch Office Space	126.4 SF	2	
Administrative	110	Dispatch Office Annex	128.7 SF	2	
Administrative	114	Local Area Network (LAN)	SF	5	Space is shared with Navy
Maintenance	207	Operations Manager	127.9 SF	2	
Maintenance	209	Storage Room for Cleaning Supplies	62.8SF	2	
Post Office		Budget Analyst Office	103.7 SF	1	
Post Office		Post Office open area space with desks (5) *shared with Navy*	549.4 SF	3	Space is shared with Navy
Post Office		Supply Closet	32.4 SF	N/A	
Warehouse		2 nd Floor Storage Room for Cleaning Supplies	29.3SF	N/A	
Warehouse	202E	2 nd Floor Office with cubicals	564.8SF	8	8 Desks and computers are available
Warehouse	214	2 nd Floor Contractor's Program Manager	130 SF	1	
Air Marshall Conex		Air Marshall Conex workspace	144.7SF	2	
Portamag	#1	Portamag #1	56 SF	392 CF	
Portamag	#2	Portamag #2	56 SF	392 CF	
Lawn Equipment Building		Lawn Equipment Space Across from CSL Parking Lot (CMU Block Building) Includes bathroom and showers.	1,494SF	N/A	Includes a bathroom with a shower.
LAV Building		Vehicle Maintenance area	1,494.1 SF	N/A	
HAZMAT storage locker	#1	HAZMAT storage locker #1	110 SF		

Government Furnished Material (GFM)		
C4I Available Spares(**)		
No.	Equipment Description	Quantity Available
1	MX-M25M-Sec-Night-N12 Mobotix Camera	2
2	MX-M15D-Sec-Dnight-D25N25 Mobotix Camera	1

Government Furnished Equipment (GFE)		
No.	Equipment Description	Quantity Available
<u>Tradewinds Generator (Tools)</u>		
1	Akro-Mils 30220 Hanging Bin, 7-Inch by 4-Inch by 3-Inch, Black,	1
2	OTC 6673 Universal Belt Tension Gauge	1
3	Endoscope Borescope UTDU0242D	1
4	Memory 32 Gb	1
5	Fluke 376 True RMS AC/DC Clamp Meter with iFlex	1
6	Diesel Compression Tester B006ZBCKS8	1
7	Fluke-T5-1000, Fluke-1AC-A1-II, Fluke-H5	1
8	Digital Precision Tachometer Tester SM8238	1
9	Stanley 50-250 lbs Micrometer 1/2" Torque Wrench #J6014C	1
10	Armstrong Adj. 10-150 lbs Micro. Torque Wrench #069-64-085	1
<u>Sonobuoy Building</u>		
1	Akro-Mils 30220 Hanging Bin, 7-Inch by 4-Inch by 3-Inch, Black	1
2	Fluke 9040 3 Phase Rotation Indicator	1
<u>Carpenters Shop</u>		
1	Dewalt - Wood Planer (Model - DW735)	1
2	Brigs & Straton - Water Extractor (Model - Intek 206)	1
3	Schulz - Air Compressor (Model - CSL 7.4)	1
4	Porter - Wood Cutter (Model - 3807)	1
5	Dewalt - Iron Saw (Model - DW872)	1
6	Zing - Dust Collector (Model - XU5035)	1
7	Marsh - Stencil Board (Model - 44427)	1
8	ACE - Tool Boxes	2
9	Craftsman - 10" table saw (Model - 315.22849)	1
10	Dreinel - Saw (Model - 1800)	1
11	Craftsman - Bench Grinder (Model - 152.21108)	1
12	Craftsman - 15" Drill Press (Model - 137.22915)	1
13	Rigid - Shop Vac (Model - WD12460)	1
14	Metabo - Grinder 4.5" (Model - W6-115)	1
15	Dewalt - Jig Saw (Model - DW933)	1
16	Dewalt - Cordless Drill (Model - XRP)	1
17	Crescent - Wrench Tool Set	1
18	Milwaukee - Heavy Duty Saw (Model - 916H602180870)	1
19	Super-Ego - Metal Cutter (Model - 1030)	1
20	Bosch - Drill (Model - GBH2-24DSR)	1
21	Dewalt - Jig Saw electric (Model - DW317)	1
22	Stanley - Wrench Set	1
23	Skill - Cordless Drill (Model - 2497)	1
24	Bosch - Drill (Model - 1191VSR)	1
25	Bosch - Sander (Model - 1274DVS)	1
26	Dewalt - Circular Saw (Model - DW939)	1
27	Skillsaw - Circular Saw (Model - 54W)	1
28	Bosch - Electric Metal Cutter (Model - 1036)	1
29	Dewalt - Cordless Lamp (Model - DW919)	1
30	Waterloo - Tool Box	1
31	Bosch - Grinder (Model - 684)	1
32	Jet - Pallet Jack	1
33	Maligner - Hand Truck	1

Government Furnished Equipment				
No.	Description	Model No.	Serial No.	Quantity
Vehicles				
1	2011 Hyundai	HAD-45 (Pick-up truck)	KMFJA17BPBC167770	1
2	2010 Mitsubishi (cargo pick-up from airport)	L300 (wagon/van)	JMJNP15AA000216	1
Lawn Equipment				
1	John Deere, Tractor	5105	LV5105C211554	1
2	John Deere, Tractor	5105	LV5105C711468	1
3	John Deere, Lawn and Garden Tractor	GT225	MOG225A043302	1
4	John Deere Lawn and Garden Tractor	X320	MOX320A024 786	1
5	John Deere, MX6 Rotary Cutter	MX6	WOOMX6X006982, WOOMX6X024291	2
6	John Deere, Mid-Mount Z Track	737	TC0737A031057	1
7	John Deere, Mid-Mount Z Track	737	TC0737A052756	1
8	STIHL, Trimmer	FS220	360968088, 363902263 (replace old 361991928), 364187437(replace old 361991909, 361991942	4
9	John Deere, Back Pack Blowers	BP50	9000082, 8003718, 9000074, 9000421	4
10	John Deere, Back Pack Blowers	BP50LE	3002028	1
11	MTD, Lawn Mower, Yard Man	11A-54MC301	IH188K71882	1
12	2005 John Deere - GATOR	6 x 4 DIESEL	W006X4DO 15257	1
13	2005 John Deere - GATOR TURF	4 x 4 HPX DIESEL	MOHP4DX05 1610	1
Airfield Equipment				
1	TOYOTA – 6 Ton Forklift	7FDU70	60108	1
2	2004- Kawasaki – Utility Vehicle (#2)	Mule 3010	JK1AFDB164B504105	1
3	2004 - Kawasaki – Utility Vehicle (#7)	Mule 3010	JK1AFDB164B504106	1
4	2008 – Kawasaki – Utility Vehicle (#5) – (follow me)	Mule 4010	JK1AFDE158B501214	1
5	Lombardini - Pressure Washer	3500,300QH	15LD400	1
6	Honda - Electric Generators	EP 5500	EZFK 1005025,EZFK 1005024	2
7	Honda - Electric Generator	EBSOOOX	EAKC1032828	1
8	Hydro Blaster – Pressure Washer – tow behind	5/300GHOTT/M	04070060	1
LAV Building				
1	OMEGA - Air Jack Hydraulic	G070500223		1
2	Mikels - 3 Ton Jack Stand	G40089		1
3	10 Ton Hydraulic Jack Stand (Blue)	3W923		1
4	Schumaker - Engine Starter	SE 3000		1
5	Vehicle Jack Stand (Green)	12 Ton		4
6	LARIN – Vehicle Jack Stand (Red)	2 Ton		2
7	Vehicle Jack Stand (Grey)	3 Ton		2
Vehicle Lift Building				
1	AEROSOLV, Spray Cans Recycling Machine	N/A	N/A	1
2	HERKULES, Can Crusher	HCR-1	N3701	1

252.225-7987 REQUIREMENTS FOR CONTRACTOR PERSONNEL PERFORMING IN USSOUTHCOM AREA OF RESPONSIBILITY (DEVIATION 2014-O0016)

Clause prescription:

Insert the following clause in solicitations and contracts for performance in the USSOUTHCOM area of responsibility, unless the clause at 252.225-7040 applies.

* * * * *

**REQUIREMENTS FOR CONTRACTOR PERSONNEL PERFORMING IN USSOUTHCOM AREA OF RESPONSIBILITY
(CLASS DEVIATION 2014-O0016) (OCT 2014)**

(a) *Definitions.*

“The U.S. Southern Command (USSOUTHCOM) area of responsibility (AOR),” as used in this clause, includes the geographic areas of Antigua and Barbuda, Argentina, Aruba, Barbados, Belize, Bolivia, Brazil, British Virgin Islands, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Curacao, Dominica, Dominican Republic, Ecuador, El Salvador, Falkland Islands, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mayotte, Montserrat Nicaragua, Panama, Paraguay, Peru, Saint Barthelemy, Saint Martin, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Sint Maarten, Suriname, Trinidad and Tobago, Turks and Caicos Islands, Uruguay, and Venezuela.

(b) *General.*

(1) Contract performance in support of U.S. Armed Forces outside the United States may require work in dangerous or austere conditions. Except as otherwise provided in the contract, the Contractor accepts the risks associated with required contract performance in such operations.

(2) Unless immune from host-nation jurisdiction by virtue of an international agreement or international law, inappropriate use of force by contractor personnel can subject such personnel to United States or host-nation prosecution and civil liability.

(c) *Support.*

(1) U.S. citizen and third country national (TCN) contractor personnel must have a Synchronized Predeployment and Operational Tracker (SPOT)-generated letter of authorization signed by the contracting officer in order to travel to, from, or within the USSOUTHCOM AOR. The letter of authorization also will identify any additional authorizations, privileges, or Government support to which Contractor personnel are entitled under this contract.

(2) Unless specified elsewhere in this contract, the Contractor is responsible for all other support required for its personnel engaged in the USSOUTHCOM AOR under this contract.

(d) *Pre-travel requirements.*

The Contractor shall ensure that the following requirements are met prior to sending or using Contractor personnel in the USSOUTHCOM AOR. Specific requirements for each category may be specified in the statement of work or elsewhere in the contract.

(1) All required security and background checks are complete and acceptable.

(2) All Contractor personnel must be medically, dentally, and psychologically fit for performance of their contracted duties. All U.S. citizen and TCN Contractor personnel must meet the medical screening requirements

established by the USSOUTHCOM Commander in the Medical Suitability Screening Regulation, SC Regulation 40-501, as well as the requirements identified in FORCE HEALTH PROTECTION (FHP) GUIDANCE FOR DEPLOYMENT in the USSOUTHCOM AOR or their successors and follow immunization and health protection guidelines outlined therein. All immunizations must be obtained prior to traveling to the USSOUTHCOM AOR. U.S. citizen contractor personnel and TCN Contractor personnel traveling from a country outside of the USSOUTHCOM AOR must travel into the USSOUTHCOM AOR with a current copy of the Public Health Service Form 791, "International Certificate of Vaccination." In addition, U.S. citizen contractor personnel and TCN contractor personnel traveling to the USSOUTHCOM AOR are required to be beneficiaries of a medical evacuation plan and service through an insurance plan provided by their employer or paid for individually.

(3) The Contractor shall collect a DNA record for all U.S. citizen Contractor personnel traveling to the USSOUTHCOM AOR and shall have arrangements for storage of the DNA reference specimen through a private facility or arrange for the storage of the specimen by contacting the Armed Forces Repository of Specimen Samples for the Identification of Remains (AFRSSIR) at <http://www.afmes.mil/index.cfm?pageid=afdil.afrssir.overview> or phone: (302) 346-8800. In addition, U.S. citizen contractor personnel shall comply with the requirements of DoDI 3020.41, Enclosure 3, paragraph 8.b., or its successor.

(4) U.S. citizen contractor personnel and TCN Contractor personnel traveling to the USSOUTHCOM AOR must follow the requirements identified in the Electronic Foreign Clearance Guide available at <https://www.fcg.pentagon.mil/fcg.cfm> and must have all necessary passports, visas, and other documents required to enter, exit or work in the USSOUTHCOM AOR; and must also have the appropriate DoD identity credential(s). Contractor personnel shall return all U.S. Government-issued identification, to include the Common Access Card, to appropriate U.S. Government authorities within 5 days of the end of their travel or contractual duties.

(5) Special area, country, and theater clearance is obtained for U.S. citizen contractor personnel and TCN Contractor personnel traveling in the USSOUTHCOM AOR. Clearance requirements are in DoD Directive 4500.54E, DoD Foreign Clearance Program (FCP). For this purpose, U.S. citizen and TCN Contractor personnel are considered non-DoD Contractor personnel traveling under DoD sponsorship.

(6) All U.S. citizen contractor personnel and TCN Contractor personnel must receive personal security training. At a minimum, the training shall—

- (i) Cover safety and security issues facing employees within the USSOUTHCOM AOR;
- (ii) Identify safety and security contingency planning activities; and
- (iii) Identify ways to utilize safety and security personnel and other resources appropriately.

(7) All U.S. citizen DOD sponsored contractors must comply with current force protection, personnel recovery and theater entry requirements as posted in DODI 3020.41 Operational Contract Support, DODI 3002.03 DOD Personnel Recovery – Reintegration of Recovered Personnel, the DOD Foreign Clearance Guide at <https://www.fcg.pentagon.mil/> and current USSOUTHCOM guidance prior to travel to any country in the USSOUTHCOM AOR. All U.S. citizen Contractor personnel must complete the following:

(i) Anti-Terrorism (AT) Level 1 Training course available at <https://Jkodirect.jten.mil> (Login and Search for the course on the Course Catalog tab via the number or key word, enroll, and Launch). AT training must be completed within 12 months (1 year) prior to entry into the USSOUTHCOM AOR.

(ii) IAW the DOD Foreign Clearance Guide and USSOUTHCOM theater entry requirements, DOD sponsored contractors entering the theater on official business will have a DD Form 1833 Isolated Personnel Report (ISOPREP) on file in Personnel Recovery Mission Software (PRMS). The ISOPREP will be reviewed within 6 months prior to theater entry and every 6 months while in the AOR.

(iii) IAW USSOUTHCOM theater entry requirements, all DOD sponsored contractors must complete the computer based SERE 100.1 Code of Conduct training course prior to theater entry. Training is available online <http://jko.jten.mil> (Log into your account, go to the Course Catalog and search for SERE 100.1,

enroll, and Launch) or through disk based software. Training is good for 3 years.

(iv) IAW the DOD Foreign Clearance Guide and USSOUTHCOM theater entry requirements, all DOD sponsored contractors traveling to designated high risk areas should receive a High Risk of Isolation (HRI) Briefing. The HRI Briefing is required for all DOD personnel conducting operations in, over, or around uncertain or hostile areas increasing their risk of becoming missing, isolated, detained, or captured.

(v) For more information or specific questions regarding completion of these requirements please contact the designated contracting officer's representative (COR). The COR will contact the appropriate DOD agency or service component for additional guidance.

(e) *Personnel data.*

(1) The Contractor shall use the Synchronized Predeployment and Operational Tracker (SPOT) web-based system at <https://spot.dmdc.mil>, to enter and maintain the data for the following Contractor personnel:

(i) All U.S. citizen contractor personnel and TCN contractor personnel who travel to the USSOUTHCOM AOR for periods of performance anticipated to exceed 30 consecutive days.

(ii) TCN, host nation (HN), or local national (LN) personnel who reside with or work in the immediate vicinity of U.S. Armed Forces and/or DOD Civilian personnel for periods of performance anticipated to exceed 30 consecutive days.

(iii) Private security contractors and contingency contractor personnel authorized to carry weapons regardless of proximity to U.S. Armed Forces or the length of the period of performance of their contract.

(iv) Contractor personnel with a place of performance within the continental United States, including the USSOUTHCOM Headquarters and Joint Interagency Task Force-South (JIATF-S) Headquarters, that may—within the terms of their contracts—deploy to the USSOUTHCOM AOR for periods anticipated to exceed 30 consecutive days.

(2) The Contractor shall enter into the SPOT web-based system the required information on Contractor personnel prior to travel to the USSOUTHCOM AOR and shall continue to use the SPOT web-based system to maintain accurate, up-to-date information throughout the period of travel for all Contractor personnel. Changes to the status of individual Contractor personnel relating to their in-theater arrival date and their duty location, to include closing out the trip with their proper status (e.g., mission complete, killed, wounded), shall be annotated within the SPOT database in accordance with the timelines established in the SPOT business rules.

(End of clause)

ATTACHMENT J-0200000-06
MAJOR DUTIES AND RESPONSIBILITIES FOR THE HUMAN RESOURCES AND ADMINISTRATIVE
SUPPORT POSITION

Major Duties and Responsibilities for the Human Resources and Administrative Support Position

Check-In/Check-Out (approximately 30%)

- Responsible for check-in and check-out process for all military and U.S. direct hires reporting to CSL Comalapa, ensuring the timely submission of official documents processed through the U.S. Embassy in El Salvador.
- Coordinates lodging accommodations, transportation, and travel itineraries as required for both military and contracted civilian personnel deployed with or visiting CSL Comalapa.
- Provides assistance with House Hold Goods (HHG's), Privately Owned Vehicles, and real estate for all newly reporting military, civilian, and contracted personnel relocating to El Salvador.
- Responsible for the proper handling of telephone calls, messages, emails, APACS request, short fused taskers, and daily details for Squadrons, crew members and personnel deployed at CSL Comalapa.
- Compiles emergency locator information and forwards to appropriate offices for military and civilian personnel.
- Maintains and updates all phone directorates pertaining to the Contractor and CSL staff (Military and civilians), COMUSNAVSO/CF4, Salvadoran Armed Forces, and U.S. Embassy Personnel in San Salvador, relating to CSL Comalapa operations.

Clerical and Administration Support (approximately 30%)

- Is the "go-to" person on current correspondence policies and procedures for Salvadoran Government and Military organizations.
- Serves as the liaison between CSL Comalapa staff and the U.S. Embassy in San Salvador, the Salvadoran Government and Salvadoran Military organizations, the El Salvador International Airport, and various hotels for accommodations and transportation requirements.
- Composes and prepares official correspondence using the correct format, spelling, and grammar in accordance to the Navy Correspondence Manual.
- Composes and prepares Background Check Packages for new Local National Employees and Overseas Marriages.
- Coordinates notarizations, regular and official passport issuing and renewals through the U.S. Embassy in San Salvador.
- Establish and maintains subject matter files (soft and hard copies) in accordance with Navy Standard Subject Identification Code Manual and Navy Records Management Manual.
- Provides coordination and oversight for ongoing projected actions, thereby maintaining office continuity.
- Coordinates actions and information with higher, lateral and subordinate levels with multiple organizations and agencies to ensure CSL Comalapa and the Contractor staff is informed of every project, visit, or task being performed.
- Provides clerical support, manage phone calls, composes and distributes correspondence, coordinate arrangements for visits, meetings, and presentations.
- Requests office supplies, and sends work orders for purchase and installation of new equipment as required.
- Uses office automation system and various software to accomplish file creations, text editing, storage and retrieval of materials and files, and to accomplish various administrative support functions as required.
- Plans control and maintain calendars for CO, XO, VTC Level II Conference Room, Admin Conference Room and Operations Manager.
- Coordinates and schedule appointments for CO and XO and the contractor's Operations Manager.
- Provides updates for the Diplomatic list to the Protocol Office.
- Coordinates financial transactions for CSL Comalapa and the Contractor staff.
- Makes service requests to other sections such as Security, Facilities, Transportation, Dispatch, Supply and Procurement.
- Prepares welcome packets for US Military, TDY personnel and American Hires.
- Processes and distributes Department Heads Meeting Minutes.

Accreditations, Visa Request, Tax Exemption Card, and Temporary Residency (approximately 25%)

- Responsible for drafting diplomatic notes to the Salvadoran Ministry of Foreign Affairs, CEPA (Airport) and Salvadoran Air force upon arrival of new employees, requesting and processing diplomatic accreditations, Salvadoran visas, Tax Exemption Cards (IVA Card) Local Driver Licenses (CARNET), and necessary access badges for each required entity.
- Maintains active communication with the Salvadoran Ministry of Foreign Affairs, U.S. Embassy in San Salvador, CEPA (Airport) and Salvadoran Air force, keeping personnel informed and for completion of actions.
- Process requests for visas when traveling out of the country on official business.
- Processes diplomatic notes to the Salvadoran Ministry of Foreign Affairs and/or U.S. Embassy in San Salvador, informing them of U.S. Military and family members and U.S. Direct Hires as they depart from CSL, returning accreditations, carnets, and driver licenses to the Ministry of Foreign Affairs and/or U.S. Embassy in San Salvador.

Personnel/Temporary Duty (TDY) Reports (approximately 15%)

- Prepares daily personnel reports, ensuring the most accurate and up-to-date information is provided e.g. ranks, job positions, and leave status as required.

Prepares weekly, monthly, quarterly, and yearly TDY reports, mandated by COMUSNAVSO/C4F and the Contractor's Headquarters.

ATTACHMENT J-0200000-07
 CONTRACTOR HAZARDOUS MATERIAL INVENTORY LOG

CONTRACTOR HAZARDOUS MATERIAL INVENTORY LOG
 (EPCRA 312 & 313 Worksheet)

COMPANY NAME: _____ CONTRACT NO: _____

PROJECT TITLE: _____

Product Name or Trade Name	Manufacturer	Max Amount of Product Stored on Site	Amount of Product Used (e.g., Gallons, Pounds)	Specific Gravity (or wt/volume)	Toxic Chemical Ingredient in Product (Refer to MSDS & List Individually)	Toxic Chemical CAS # (Refer to MSDS)	% Toxic Chemical by Weight	Days On Site

- Contractor(s) certifies that no hazardous materials will be brought onto the installation and/or used at the project site.
- Contractor(s) certifies that no hazardous waste will be generated from this project.

Submitted By: _____ Phone: _____ Fax: _____ Date: _____

Contract Administrator: _____ Phone: _____ Fax: _____

Page ____ of ____

ATTACHMENT J-0200000-08 EXHIBIT LINE ITEM NUMBERS
Attachment J-0200000-08 Exhibit Line Item Numbers (ELINS) provided as a separate attachment (Provided as file name: AttachmentJ020000008ELINS.xls).

**SECTION J
DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS
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ATTACHMENT NUMBER	ATTACHMENT TITLE
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J-0304010-02	DUTIES, RESPONSIBILITIES, AND ADDITIONAL REQUIREMENTS FOR LAN SYSTEM KEY PERSONNEL
J-0304010-03	DUTIES, RESPONSIBILITIES, AND ADDITIONAL REQUIREMENTS FOR TELECOMMUNICATION KEY PERSONNEL
J-0304010-04	DIRECTIVES, INSTRUCTIONS, AND REFERENCES
J-0304010-05	LAN EQUIPMENT INVENTORY
J-0304010-06	C4I EQUIPMENT INVENTORY

ATTACHMENT J-0304010-01
DEFINITIONS AND ACRONYMS

Acronym	Description
AIS	Automated Information Systems
ANSI	American National Standards Institute
APL	Approved products list
BAN	Base Area Network
BCST	Broadcasting Station
BDP	Base Design Plan
BLII	Base Level Information Infrastructure
BOM	Bill of Material
C & A	Certification and Accreditation
CAC	Common Access Card
CBT	Computer Based Training
CCDA	Cisco Certified Design Associate
CCDP	Cisco Certified Design Professional
CCIE	Cisco Certified Internet work Expert
CCNA	Cisco Certified Network Associate
CCNP	Cisco Certified Network Professional
CISSP	Certified Information Systems Security Professional
CONOPS	Concept of Operations
COTS	Commercial Off-The-Shelf
DADMS	Department of Navy Application Database Management System
DISA	Defense Information System Agency
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
DPAS	Defense Priorities and Allocations System
EBN	End Building Node
EIA	Electrical Interface Assemblies
FCAPS	Fault, Configuration, Accounting, Performance, and Security
GNOC	Global Network Operations Center
GPETE	General Purpose Electronic Test Equipment
GWS	Group Ware Server
IA	Information Assurance
IAVA	Information Assurance Vulnerability Alerts
IAVB	Information Assurance Vulnerability Bulletins
IAVM	Information Assurance Vulnerability Management
IDS	Intrusion Detection Systems
IIS	Internet Information Services
INFOCON	Information Condition
INFOSEC	Information Security
ILSP	Integrated Logistics Support Plan
ISP	Inside Cable Plant
ISSM	Information Systems Security Manager
ISSO	Information Systems Security Officer
IT	Information Technology
LAN	Local Area Network
Legacy Network	Any existing network infrastructure that was installed and operational prior to ONE-NET.
LRA	Local Registration Authority
LNSC	Local Network Service Centers
MCDST	Microsoft® Certified Desktop Technician
MCP	Microsoft® Certified Professional

ATTACHMENT J-0304010-01
DEFINITIONS AND ACRONYMS

Acronym	Description
MCSA	Microsoft® Certified Systems Administrator
MCSE	Microsoft® Certified Systems Engineer
MMF	Multi-mode fiber
NAVCIRT	Navy Computer Incident Response Team
NCTS	Naval Computer and Telecommunication Station
NFPA	National Fire Protection Association
NIA	NMCI Information Advisory
NIB	NMCI Information Bulletin
NIPRNET	Non-secure Internet Protocol Network
NMCI	Navy Marine Core Intranet
NNSOC	Naval Network and Space Operations Command
NNWC	Naval Network Warfare Command
NSO	Network Security Officer
NSTISS	National Security Telecommunications and Information Systems Security
O & M	Operations and Maintenance
OBRP	On Board Repair Parts
ONE-NET	OCONUS Navy Enterprise Network
OSP	Outside Cable Plant
PDS	Protected Distribution System
PKI	Public Key Infrastructure
PMO	Program Management Office
PoP	Point of Presence
RITC	Regional Information Technology Council
RNOSC	Remote Network Operations and Security Center
RS3	Regional System Support Specialist
SIPRNET	Secure Internet Protocol Router Network
SLA	Service Level Agreements
SLO	Service Level Objectives
SMF	Single-mode fiber
SOVT	System Operational Verification Test
SSCP	System Security Certified Practitioner
TIA	Technology Information Architecture
TNOSC	Theater Network Operations and Security Center
ULSS	User's Logistic Support Summary
UPS	Uninterruptible Power Supplies
USB	Universal Serial Bus
VIVID	Voice, Video and Data
VPN	Virtual Private Networks
WAN	Wide Area Network
WINS	Windows Internet Naming Service

ATTACHMENT J-0304010-02
DUTIES, RESPONSIBILITIES, AND ADDITIONAL REQUIREMENTS FOR LAN SYSTEM KEY
PERSONNEL

LAN Administrator services shall include but are not limited to the following:

- Implement, Manage and troubleshoot the Local Area Networks (LAN)
- Perform system backup.
- Ensure each LAN is up and available during normal working hours.
- Troubleshoots network, systems and applications to identify and correct malfunctions and other operational difficulties.
- Document network problems and resolutions for the future reference.
- Repair on a component level and advise others on proper maintenance as required.
- Perform/Document semi-annual and annual inventory of LAN hardware and software.
- Ensure timely user notification of maintenance requirements and effects on system availability.
- Deter and report unauthorized entry in LAN
- Maintain security of the LANs and implement IAVA compliance requests in accordance with NAVCYBERDEFOPSCOM policy
- Create/Maintain user accounts.
- Create scripts to facilitate network upgrades, security updates and installs.
- Maintain virus protection and firewalls.
- Monitor and correct Forefront Proxy, SNORT IDS/IPS, Retina Eye Digital security and HBSS vulnerabilities.
- Review and, make recommendations on existing server configurations.
- Review and, make recommendations on procurement of computer, network hardware, peripheral equipment and software.
- Coordinate the procurement and installation of new computer hardware and software.
- Coordinate the installation of software patches and upgrades.
- Train users on LAN operations and provide technical resource support.
- Provide customer desktop support for LAN users. Investigate user's problems, identify their source, determine solutions, test and implement solutions.
- Develops, document and implement system standards and procedures. Monitor to assure user adherence.
- Maintain/Document site licenses.
- Manage/Document retirement and disposal of obsolete or broken equipment.
- Maintain confidentiality with regard to the information being processed, stored or accessed by the network.
- Design, engineer and install network cabling.
- Engineer and implement equipment reallocations.
- Provide PC maintenance.
- Provide hardware maintenance review on computer equipment.
- Provide system communications assistance.
- Responsible for imaging software (COTS, GOTS, JOTS or JWICS operations)
- Provide system communications assistance to external network connections.
- Work with associated cryptographic equipment.
- Provide web page development and maintenance.

Assistant LAN Administrator services shall include but are not limited to the following:

- Implement, Manage and troubleshoot the Local Area Networks (LAN)
- Ensure each LAN is up and available during normal working hours.
- In the absence of the LAN Admin troubleshoots network, systems and applications to identify and correct malfunctions and other Operational difficulties.
- Document network problems and resolutions for the future reference.
- Repair on a component level and advise others on proper maintenance as required.
- Perform/Document semi-annual and annual inventory of LAN hardware and software.
- Ensure timely user notification of maintenance requirements and effects on system availability.
- Deter and report unauthorized entry in LAN

- Maintain security of the LANs and implement IAVA compliance requests in accordance with NAVCYBERDEFOPSCOM policy.
- Create/Maintain user accounts.
- Create scripts to facilitate network upgrades, security updates and installs.
- Maintain virus protection and firewalls.
- Monitor and correct Forefront Proxy, SNORT IDS/IPS, Retina Eye Digital security and HBSS vulnerabilities.
- Review and make recommendations on existing server configurations.
- Review and make recommendations on procurement of computer, network hardware, peripheral equipment and software.
- Coordinate the procurement and installation of new computer hardware and software.
- Coordinate the installation of software patches and upgrades.
- Train users on LAN operations and provide technical resource support.
- Provide customer desktop support for LAN users. Investigate user's problems, identify their source, determine possible solutions, test and implement solutions.
- Develops, document and implement system standards and procedures. Monitor to assure user adherence.
- Maintain/Document site licenses.
- Manage/Document retirement and disposal of obsolete or broken equipment.
- Maintain confidentiality with regard to the information being processed, stored or accessed by the network.
- Design, engineer and install network cabling.
- Plan and implement equipment reallocations.
- Provide PC maintenance.
- Provide hardware maintenance review on computer equipment.
- Provide system communications assistance.
- Be responsible for imaging software (COTS, GOTS, JOTS or JWICS operations)
- Provide system communications assistance to external network connections.
- Work with associated cryptographic equipment.
- Provide web page development and maintenance.

Helpdesk/LAN Technician services shall include but are not limited to the following:

- Open and close LAN accounts as required
- Troubleshoot and assist end-user.
- Maintain current Trouble Calls Ledger for historical files/trend analyses.
- Web Page maintenance and upkeep.
- Perform and check backups.
- Update Router IP Block Lists.
- Assist with the upkeep of servers and networks.
- Maintain Windows based desktop and laptop computers to provide optimal performance.
- Troubleshoot LAN, desktop, and printer problems as they occur for minimal downtime.
- Ensure employees are able to access network resources.
- Windows Servers based networks containing Windows clients.
- Implementing security and installing applications using Group Policies.
- Deploy, configure, install, test and maintain network components, e.g., servers, PCs, monitors, keyboards, and printers
- Setup and maintain internet connections.
- Software and Hardware management and support
- Hardware Deployment Specialist
- Responsible to prepare all new hire computers
- Create/Maintain user accounts.
- Maintain/Document
- Maintain/Document site licenses.
- Perform/maintain semi-annual and annual inventory of LAN hardware and software.
- Create/maintain/deploy desktop and server images.
- Receive and deploy/redeploy desktops

DUTIES, RESPONSIBILITIES, AND ADDITIONAL REQUIREMENTS FOR TELECOMMUNICATION KEY PERSONNEL

Telecommunication/ C4I and Anti-Terrorism/Force Protection (AT/FP) System services shall include but are not limited to the following:

- Provide support of the day-to-day operation and maintenance of the telecommunication, access control, and perimeter surveillance equipment, identifying and resolving problems as required.
- Conduct preventive maintenance and repair of system antennas.
- Define and resolve system circuit path problems.
- Document system problems and recommended solutions.
- Telecommunication Specialist should possess in-depth knowledge of EKMS regulations and procedures in accordance with EKMS 1B.
- Properly destroy keying material on a monthly, quarterly, and emergency basis.
- Load, download, inventory, operate troubleshoot, and repair crypto material and equipment.
- Be responsible for STUIII/STE operations and audiovisual equipment.

ATTACHMENT J-0304010-04
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
DoD Directive 8140	Cyberspace Workforce Management
DoD Directive 8570	Information Assurance Workforce Improvement Program
DoD Instruction 4120.24	Defense Standardization Program (DSP) Policies and Procedures
DoD Instruction 8580.1	IA in the Defense Acquisition System
SECNAV Manual M-5239.1	DoN Information Assurance Manual
SECNAV Instruction 5239.3	DoN Information Assurance Policy
SECNAV Instruction 5510.36	DON Information Security Program Regulation
DoD Policy X.509	Certificate Policy for the U.S. DoD
COMNAVNETWARCOM Message DTG 291920Z MAR 04	Navy CAC and PKI Implementation Guidance Update
DoD Instruction 5200.40	DoD Information Technology Security Certification and Accreditation Process
DoD Manual 8510.1-M	Department of Defense Information Technology Security Certification and Accreditation Process Application Manual
EKMS 1B	EKMS Policy and Procedures for Navy Electronic Key Management Systems Tiers 2&3
EKMS 3C	EKMS inspection manual
EKMS 3D	Communications Security (COMSEC) material Central Office of Record Audit Manual

ATTACHMENT J-0304010-05
LAN EQUIPMENT INVENTORY

LAN Equipment Inventory			
No.	Description	Model No.	Quantity
1	CPU Dell/Optiplex	7010	27
2	CPU Dell	7020	35
3	CPU HP	ProDesk 600 G1 TWR	57
4	Printer Canon	ir-2525	2
5	Printer Canon	iR-ADV C5030	2
6	Printer Canon	iR-ADV 500	2
7	Printer Canon	iPF605	1
8	Printer HP	LaserJet 500 color MFP M575	4
9	Printer HP	LJ4005	1
10	Switch Cisco	3850	2
11	Switch Cisco	2960G	8
12	Router Cisco	3945	3
13	Tape Drive Dell	TL2000	2
14	Firewall Checkpoint	4800	1
15	Server Dell	Poweredge R710	5
16	Server Dell	Poweredge 2950	3
17	Server Dell	Poweredge R320	2
18	Server Dell	Poweredge M6030	3
19	Firewall Cisco	ASA 5545	1
20	Printer HP	LaserJet Pro M127fw	2
21	KVM	Tripp Lite 16 Port Console KVM switch	3
22	Laptop Panasonic	TOUGHBOOK 53	1
23	Laptop Dell	E5450	5
24	Laptop Dell	Inspiron 17 5000	2
25	Dell Racks	Model 4210	7
26	Dell Monitor, Flat Screen	1901PF	50
27	Dell Monitor, Flat Screen	2007WFP	15
28	Hanns-g Monitor, Flat Screen	4-HG216	4
29	UPS (APC)	Model BR800	31
30	UPS (APC)	Model BK500	1
31	UPS (APC)	Model BE 600	3
32	UPS (FORZA)	Model SL-751	4
33	UPS (APC)	Model 3000XL	6
34	UPS (APC)	Model 3000	3
35	UPS (APC)	Model 1500	2

ATTACHMENT J-0304010-06
C4I EQUIPMENT INVENTORY

C4I Equipment			
No.	Description	Model No.	Quantity
1	URC-200 UHF/VHF Transceivers	URC200	6
2	Radio UHF/VHF SATCOM transceivers	AN/PRC-117F	2
3	UHF/VHF SATCOM	AN/PRC-117G	2
4	VCS 150 voice system DELL Computer	DELL	1
5	VCS 150 voice system PS24 Power supply	VCS 150 PS24	1
6	VCS 150 RIU32 Power switch	VCS 150 RIU32	1
7	VCS switch Card cage with back plane	VCS	1
8	UPA50 power supply booster	UPA50	1
9	01-P35807M001 UAL300	UAC300	2
10	HF Receiver Transmitter	PRC-150	2
11	SATCOM power amplifier Primary	TC100D	2
12	AC/DC convertor	PS24-500D	2
13	Motorola Pro 5100 UHF Base station	PRO 5100	1
14	Motorola APX Hand held radios	APX7000	12
15	Motorola Pro 5150 Hand held radios	PRO 5150	12
16	Motorola Pro 7150 Hand held radios	7150	58
17	Motorola XTS5000	XTS5000	35
18	KVL encryptor	KVL4000	1
19	Motorola ASTRO digital XTL 5000 Consolette	W7	1
20	Antennas	RF390	2
21	Antennas	HF 1950	2
22	Antennas	RFS-201-7 UHF	2
23	50 OHM antenna coupler	CU2397B/G	2
24	AMC14 Color Monitors	AMC14	2
25	Averatec Laptop for VSC150 Backup	3150P	1
26	Computer for motorola radio programming	P360	1
27	Computer ALCATEL Switch connection	OPTIPLEX GX6320	1
28	Atkinson dynamics intercomms	AD-27A	3
29	Atkinson dynamics speaker	AD-27SA-25	1
30	Multimeter	77III	1
31	Butt set	TS22A	1
32	Cisco VTC Camera	P/N 800-3687-01-G0	1
33	Cisco VTC CPU	CODEC C40	1
34	Crypto	KIV 7 M	2
35	VIPER encrypted phones	VIPC1000-XAPTMDM	3
36	Encrypted phones	STE111	2
37	Overhead projector	PTL780NTU	1
38	MOBOTIX Day Camera	Q25M	18
39	MOBOTIX Day/Night Camera	M25M	37
40	MOBOTIX Pan Tilt Zoom Camera	M15	8
41	Altronix Power supply for cameras	Netway 1	29
42	Leviton Surge Protection	060-321-20-1	12
43	Argom Tech flat panel TV mount	37" to 70"	4
44	45 RU Aluminum Rack	7'x19"	1
45	CP1 plug in class 2 Transformer	24 VAC	28

**SECTION J
DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS
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J-0401000-01	DEFINITIONS AND ACRONYMS
J-0401000-02	DIRECTIVES, INSTRUCTIONS, AND REFERENCES

ATTACHMENT J-0401000-01
DEFINITIONS AND ACRONYMS

Definition	Description
Area of Responsibility (AOR)	A defined area in which responsibility is specifically assigned to the commander of the area for the development and maintenance of installations, control of movement, and the conduct of tactical operations involving troops under the commander's control, along with parallel authority to exercise these functions.
Authority	The right and power to compel or demand obedience.
Contraband	Goods or merchandise whose possession is forbidden or illegal.
Controlled Access Areas	Any Federal enclaves under the jurisdiction of the Navy that require specific criteria to be met prior to accessing. Controlled access areas and criteria are defined in Post Orders.
Drug	Any controlled substance, or immediate precursor, included in schedule I, II, III, IV, or V as defined in Title 21 United States Code Section 812. The term does not include distilled spirits, wine, malt beverages, or tobacco, as those terms are defined or used in subtitle E of the Internal Revenue Code of 1986.
Emergency	An event that results in the need for immediate action to avert the threat of property damage, injury, or death. Emergencies include natural disasters and manmade incidents, e.g., earthquakes, floods, armed or physical attacks, explosions, or civil disturbances.
Entry Control Point (ECP)	A designated point of ingress and egress to a facility at which authorization of personnel, property, equipment, vessels, and vehicles for access is validated by a guard.
Facility	An installation, building, compound, pier, wharf, transit line, runway, airfield, or waterway zone.
Force Protection Condition (FPCON)	A method of identifying specific security requirements mandated to be implemented during times of increased terrorist threat. FPCONs are identified from lowest to highest threat level as "Alpha", "Bravo", "Charlie" and "Delta".
ID	Identification
Inspection	An examination by an authorized party of a person, place, or thing for the purpose of ensuring compliance with existing laws, rules, regulations, instructions, and policy.
Post Orders	Special and general orders of a specific post that define the contractor's duties and responsibilities.
Restricted Area	Areas designated in writing that require special access control measures, e.g., piers, wharfs, transit lines, and runways.
Search	An examination of a person, place, or thing by authorized law enforcement personnel for the purpose of identifying and taking into custody items of evidence, contraband, and illegal or unauthorized property.
Standard Operating Procedures (SOP)	Administrative documents defining policy and routine practices pertaining to security operations.
Surveillance	The act of gathering information required to formulate, plan, stage, and execute an attack against a military installation or asset.

ATTACHMENT J-0401000-02
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
SOP	CSL Comalapa Standard Operating Procedures
Navy Civilian Human Resources Manual, Subchapter 792.3	Drug-Free Workplace Program

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ATTACHMENT J-0501050-01
DEFINITIONS AND ACRONYMS

Acronyms	Description
ATC	Air Traffic Control. Also referred to as "Tower" or "Control Tower."
AFM	Airfield Facilities Manager
AIMD	Aircraft Intermediate Maintenance Department
AMC	Air Mobility Command
ASO	Aviation Safety Officer
AVOIC	Airfield Vehicle Operators Instruction Course
BASH	Bird/Animal Aircraft Strike Hazard
FAA	Federal Aviation Administration
FOD	Foreign Object Debris
GSE	Ground Support Equipment
LOX	Liquid Oxygen
LSO	Landing Signal Officer
LN2	Liquid Nitrogen
MRCs	Maintenance Requirement Cards
MEDEVAC	Medical Evacuation
NAMP	Naval Aviation Maintenance Program
NATOPS	Naval Air Training and Operating Procedures Standardization Program
NAVAIR	Naval Air Systems Command
ODO	Operations Duty Officer
OLS	Optical Landing System
PPR	Prior Permission Required
SAR	Search and Rescue
VLA	Visual Landing Aid

ATTACHMENT J-0501050-02
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
CNALINST 13720.15 / CNAPINST 13720.3	Prevention of Foreign Object Damage to Aircraft Gas Turbine Engines
CNIC M-BASH	Commander Navy Installations Command, Bird/Animal Aircraft Strike Hazard (BASH) Manual
FAA AC No 150/5200-18	Airport Safety Self-Inspection
FAA AC No. 150/5210-22	Airport Certification Manual (ACM)
MIL-HDBK-1023/5	Airfield Lighting
UFC 3-270-04	Concrete Repair
UFC 3-270-05	Paver Concrete Surfaced Airfields Pavement Condition Index (PCI)
UFC 3-270-07	O&M Airfield Damage Repair
UFC 3-270-03	Concrete Crack and Partial-Depth Spall Repair
NAEC-91-7824	Field Test and Inspection Procedures Required to Qualify for Certification or Re-certification of E-28 Recovery Systems
NAVAIR 00-80R-20	NATOPS U.S. Navy Aircraft Crash & Salvage Operations Manual
NAVAIR 00-80T-113	Aircraft Signals NATOPS Manual
NAVAIR 00-80T-96	U.S. Navy Support Equipment Common Basic Handling & Safety Manual
NAVAIR 13800.13	Certification of Shore-Based Aircraft Recovery Equipment and Visual/Optical Landing Aids Systems
NAVAIR 51-40ABA-14	Fresnel Lens Operating and Repair Manual
NAVAIR 51-40ABA-24	Operation/Maintenance with Illustrated Parts Breakdown - Improved Fresnel Lens Optical Landing System (IFOLS) Shorebased MK 14 MOD 0
NAVAIR 51-50AAA-2	General Requirements for Shorebased Airfield Marking and Lighting
NAVFAC P-80	Facility Planning Criteria
OPNAV P-45-110-96	Hazardous Material User's Guide (HMUG)
OPNAVINST 2400.20	Navy Management of the Radio Frequency Spectrum
OPNAVINST 3750.6	Naval Aviation Safety Program
OPNAVINST 4790.2	The Naval Aviation Maintenance Program (NAMP)
OPNAVINST 4790.4	Ships' Maintenance and Material Management (3-M) System Policy
OPNAVINST 5090.1	Environmental And Natural Resource Program Manual
OPNAVINST 5100.23	Navy Occupational Safety and Health (NAVOSH) Program Manual

**SECTION J
DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS
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ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS

Definition/Acronym	Description
Equipment, Collateral	Encompasses built-in and large substantially affixed equipment/property that is normally acquired and installed as part of a facility project.
Equipment, Installed	Encompasses building-type equipment, built-in equipment, and large, substantially affixed equipment/property, and is normally acquired and installed as part of a facility project. Installed equipment is normally required to make a facility useful and operable. Removing such equipment would impair the usefulness, safety, or environment of the facility or the facility restoration work required after its removal, is substantial.
Equipment, Personal Property	Personal property equipment includes all equipment other than collateral equipment. Such equipment, when acquired and used in a facility or a test apparatus, can be severed and removed after erection or installation without substantial loss of value or damage thereto or to the premises where installed.
Facilities Life Cycle	A facilities life cycle is divided into four stages, requirements (planning and design), acquisition (construction and acceptance), stewardship (operations, maintenance and repair), and disposal.
HVAC	Heating, Ventilation, and Air Conditioning
Integrated Maintenance Program (IMP)	IMP is a recurring state-of-the-art, reliability-centered inspection, testing, maintenance and repair program that determines best practices for managing the functions and consequences of failures of facilities equipment and system components. IMP encompasses accepted commercial practices, including reactive, preventive, predictive and proactive maintenance, into one optimal program. The IMP approach gives the Contractor full responsibility to maintain systems and equipment and perform repairs whenever necessary to ensure equipment and systems are operational and remain in a constant state of readiness. Service calls will not be issued for accomplishment of repairs on systems and equipment maintained under IMP.
Life-Cycle Costs	A form of economic analysis that considers the total cost of owning, operating, and maintaining a building or system over its useful life.
Maintenance, Preventive	Maintenance designed to increase the availability of the facilities/equipment by reducing the number of unexpected breakdowns or service interruptions. It is any planned maintenance activity that improves equipment life and avoid any unplanned maintenance requirements.
Management Information Systems-Maintenance	A computerized system that will provide sufficient information for management to evaluate differences between budgets and actual costs and evaluate performance.
Repair	Repair is the restoration of facilities or equipment to such a condition that it may be effectively utilized for its designated purposes by overhaul, reconstruction, or replacement of constituent parts or materials which have deteriorated by action of the elements or usage, and which have not been corrected through maintenance. This term also applies to replacement of the entire unit or system if beyond economical repair. The intent of repair is to have the equipment at normal working condition.
Replacement	Replacement, as a distinct work element, is confined to a program of planned replacement of a facility or its components. It may be further limited to major components such as air conditioning compressors, furnaces or hot water heaters. Replacement is performed when the equipment has reached the end of its useful life; when it no longer can perform due to degradation of its internal components and repair is no longer cost effective. Included under the replacement would be the major rebuilding of any component, since rebuilding also restores performance.
Restoration	Restoration of real property to such a condition that it can be used for its intended purpose. Includes repair or replacement work to restore facilities damaged by inadequate sustainment, excessive age, natural disaster, fire, accident or other causes.

ATTACHMENT J-0200000-01
DEFINITIONS AND ACRONYMS

Definition/Acronym	Description
Service Call	Service calls are any customer requests, minor facility, system, equipment, or component problem requests or requests for facilities-related work that are too small to be planned and estimated. Service call work may consist of multiple tasks for a single trade, or multiple trades for a single task. Service calls will be issued to accomplish any work identified within the entire boundary of the installation and will include a wide variety of work.
Service Call Cycle	Count down starts when the customer is notified that the work has been accepted to be accomplished to the time when the work chit is turned in by the craftsmen as complete is one complete cycle period for a service call.
Service Call, Emergency	Emergency is defined as any deficiency that immediately compromises the mission or life, health and safety. Always includes, but is not limited to, failure of any utility, runway, taxiway, apron, HVAC, fire protection, environmental control, or security alarm systems.
Service Call, Urgent	Urgent is defined as any deficiency that does not immediately endanger personnel or property, but extended delays of repairs or completion could result in damage to Government property or mission, or soon affect the security, health, or well-being of personnel or the continued operation of a service or system.
Service Call, Routine	Routine is defined as any deficiency that does not qualify as emergency or urgent, but is needed to maintain the agreed upon facility condition or mission. Maintain means to repair to such a condition that it may be used for its intended purpose and to normal working condition. Does not include improvements.
SRM	Sustainment, Restoration and Modernization
Sustainment	Maintenance and repair activities necessary to keep a typical inventory of facilities in "normal working condition". Sustainment includes regularly scheduled maintenance as well as cyclical major repairs or replacement of components that occur periodically over the expected service life of the facilities.
UFC	Unified Facilities Criteria

ATTACHMENT J-1502000-02
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
NFPA	National Fire Protection Association (All)
NFPA 291	Recommended Practice for Fire Flow Testing and Marking of Hydrants,
DoD Instruction 4715.05	Environmental Compliance at Installations Outside the United States
DoD Instruction 4715.05-G	Overseas Environmental Baseline Guidance Document (OEBGD)
SECNAVINST 11260.2	Navy Weight Handling Program for Shore Activities
OPNAVINST 5090.1	Environmental Readiness Program
OPNAVINST 5100.23	DON Safety and Occupational Health (SOH) Program Manual
OPNAVINST 11010.20	Facilities Project Manual
NAVFAC MO-200	Facilities Engineering for Exterior Facilities
NAVFAC MO-209	Maintenance and Operation of Steam, Hot Water, and Compressed Air Distribution Systems, for applicable systems and components
NAVFAC MO-321	Facilities Management
UFC-3-230-02	Operations and Maintenance: Water Supply Systems
UFC 3-410-06	Central Heating Plants Operation And Maintenance
UFC 3-430-07	Operations and Maintenance: Inspection and Certification of Boilers and Unfired Pressure Vessels
UFC 3-570-06.	National Association of Corrosion Engineers (NACE)
UFC 3-600-01	Fire Protection Engineering for Facilities
UFC 3-600-02	Inspection, Testing, and Maintenance of Fire Protection Systems
UFC 3-601-02	Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection Systems
UG-2029-ENV	Cross-Connection Control and Backflow Prevention Program Implementation at Navy Shore Facilities
MIL-HDBK-411B	Power and the Environment for Sensitive DoD Electronic Equipment
MIL-HDBK-419A	Grounding, Bonding & Shielding for Electronic Equipment and Facilities

ATTACHMENT J-1502000-03
FACILITY LISTING

Facility Listings	
Facility Description	Area
Administrative Building	6,600 SF
Maintenance Building	6,500 SF
Post Office	1,878.6 SF
Warehouse Building	12,007.9 SF
GSE Building	3,325.6 SF
LAV Building	1,494.1 SF
Vehicle Lift Building ¹	1,147.3 SF
Vehicle Lift Annex	749.17 SF
Sonobuoy Building	1,411.6 SF
LPOX Building	144.67 SF
HAZWASTE Cage	130.0 SF
HAZMAT storage container	440 SF (each locker -110 SF)
Generator House	306.77 SF
Bus stop	398.26 SF
Refuse Collection Site	132.92 SF
Tiki Hutt	2,534 SF
Chlorination Building	130.0 SF
Fire Pump House	254.81 SF
Secondary Water Well pump house	81 SF
VAWT electrical buildings (6)	25 SF (each)
Guard Shack #1 (GSE Gate)	48 SF
Guard Shack #2 (Airfield Ramp)	48 SF
Delta security emplacements (4) – (near airfield ramp and gates)	N/A
Parking Lot Structure	5,381 SF
Gym (on FAES compound)	1,568.7 SF
Weapon Range Facility (on FAES compound)	N/A
Automatic Vehicle Pop-up barrier electrical container (2) (on FAES compound)	N/A

Note 1: the Vehicle lift building maybe used by the contractor when needed (shared usage between the Government and Contractor).

CSL Site Map



ATTACHMENT J-1502000-05
HISTORICAL SERVICE CALL WORKLOAD

Description	Submitted
Emergency - Power Pole	5/25/2015
Cable for cameras/ 2nd B	4/22/2015
Hazmat Wall	8/21/2015
Level II Welding	7/15/2015
Sinks installation	8/17/2015
Level II Locks	8/28/2015
USCG A/C	8/10/2015
Camera 5	12/8/2015
Outlet Sec Office	2/22/2016
Warehouse Fixtures	3/1/2016
Concrete Work Repair	3/2/2016
Electrical warehouse gym	3/4/2016
Fuel tank cleaning	3/4/2016
Laundry room vent	3/22/2016
GSE gate repair	3/22/2016
Fire extinguishers mounting	3/22/2016
Tiki-hut pedestal repair	3/22/2016
Air compressor- Emergent call	3/22/2016
Guard shack - Spot -6	3/22/2016
Range conex box foundation	3/28/2016
Guard shack – GSE	3/28/2016

*This attachment is for informational purpose only. Service Call quantities for CSL are provided in Attachment J-0200000-08. The Contractor will be responsible for the LOLs as described in Spec Item 3.1 in Sub-Annex 1502000 Facility Investment of Section C for each service call.

ATTACHMENT J-1502000-06
WASTEWATER DISTRIBUTION SYSTEMS AND EQUIPMENT

Wastewater Distribution Systems Description

The major components of the Wastewater Distribution System are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the Secondary Water Well and all mechanically and electrically interlocked ancillary parts, equipment, and components of the system, such as: all components in the prefabricated package treatment plant, sewer lines, chemical treatment, electrical panelboards, control panels, overhead power lines and transformer, comminutor, transducers, bar screens, sludge drying beds, fuses, meters, alarm system, test tubes, dampers, mixers, transmitters, receptacles, tanks, diffusers, lift stations, pumps lighting and power circuit, valves, piping, float switches, time clocks, electrical disconnects, and all other components that are permanently installed part of – or – permanently installed supporting part of the secondary water well system.

Prefabricated Packaged Treatment Plant Inventory (55,000 Gal/Day)

No.	Description	Model No.	Serial Number	Quantity
1	Rotary Positive Blower, Dresser Industries, Inc./ Roots Div.	Roots/564- Rai	N213T1 7FB45B	2
2	Blower Time Clock, Paragon Electric Company. Inc.	1015-00RS	N/A	2
3	Submersible Sump Pump (Froth Pump)	SS-33	N/A	1
4	Spray Nozzles	SN-IA	N/A	13
5	Comminutor	P-5C	VM3536	1
6	Transducer, Milltronics	XRS-5	N/A	1
7	Open Channel Meter, Milltronics	OCM-III	N/A	1
8	Comminutor, Control Panelboard	NIA	N/A	1
9	Treatment Plant, Control Panelboard	NIA	N/A	1
10	Circular Chart Recorder, Partlow-West Company	MRC 5000	N/A	1
11	Lift Station Control Panel	N/A	N/A	1
12	Submersible Sewage Pumps, Goulds	3888D3	N/A	2
13	Narrow Angle (10-20) Float Switches, Ashland	2900	N/A	2
14	Air Diffusers	NIA	N/A	14
15	Lift Station Well, Control Panelboard	NIA	022590	1

ATTACHMENT J-1502000-07
COMPRESSED AIR SYSTEMS INVENTORY

Compressed Air Systems Description

The major components of the Compressed Air Systems are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the Compressed Air Systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the systems, such as: compressors, regulators, unfired pressure vessels, air drying systems, distribution systems, air supply connectors, monitoring and control systems, electrical disconnects, and all other components that are permanently installed part of – or – permanently installed supporting part of the compressed air system.

Compressed System Inventory

No.	Description	Model No.	Serial No.	Location
1	Champion, Centurion II Air Compressor 10 HP	RV3010HP	R0035940	Vehicle Lift Building
2	Champion, Centurion II Air Compressor 15 HP	CCSRVA	36913	Vehicle Lift Building
3	Air compressor 1 1/2 HP Schultz	Twister 1.5 HP	2813191	LAV Building

ATTACHMENT J-1502000-08
 VERTICAL AXIS WIND TURBINE (VAWT) INVENTORY

VAWT Systems Description

The major components of the Vertical Axis Wind Turbine (VAWT) Systems are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the VAWT Systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the systems, such as: controllers, cabinets, converters, connections, inverters, guy wires, monitoring and control systems, electrical disconnects, combiner boxes, control shed, wiring, base, fins, rotor, generators, mast, electrical panels, switches fuses, meters, and all other components that are permanently installed part of – or – permanently installed supporting part of the VAWT system.

VAWT Systems Inventory

Description	Quantity	Total Power Generation (kW)
Technowind VAWTs	6	30 kW

ATTACHMENT J-1502000-09
SOLAR PANEL SYSTEM INVENTORY

Solar Panel Systems Description

The major components of the Solar Panel Systems are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the solar panel systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the systems, such as: modules, panels, support structures, seam clamps, inverters, electrical disconnects, monitoring system, meters, switches, fuses, conduit, connectors, conductors, transformers, combiner boxes, and all other components that are permanently installed part of – or – permanently installed supporting part of the solar panel systems.

Solar Panel Inventory

No.	Description	Model No.	Serial No.	Quantity	Location
1	Photovoltaic Solar Panels (12 x 36)	KD 200-54 F	N/A	1	Grounds North East
2	Photovoltaic Solar Panels (3 x 14)	KD 200-54 F	N/A	1	Parking Lot

ATTACHMENT J-1502000-10
DOCK LEVELER INVENTORY

Dock Leveler Inventory					
No.	Description	Model No.	Serial No.	Quantity	Location
1	GENISYS, Dock Leveler	ML-98L6W	05DD0082M	1	Vehicle Lift Building

ATTACHMENT J-1502000-11
CAR WASH WATER PUMP INVENTORY

Car Wash Water Inventory					
No.	Description	Model No.	Serial No.	Quantity	Location
1	FORAS, Electric water pump, 1.8 HP	P518014	N/A	1	Car Wash Area

ATTACHMENT J-1502000-12
SECONDARY WATER WELL INVENTORY

Secondary Water Well Systems Description

The major components of the Secondary Water Well System are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the Secondary Water Well and all mechanically and electrically interlocked ancillary parts, equipment, and components of the system, such as: chlorination building (CMU wall construction), electrical panelboards, control panels, fuses, meters, alarm system, test tubes, dampers, mixers, transmitters, receptacles, tanks, pumps lighting and power circuit, frequency variator aqua-drive, chlorine injector pumps and ancillary equipment, valves, piping, switches, electrical disconnects, and all other components that are permanently installed part of – or – permanently installed supporting part of the secondary water well system.

Secondary Water Wells Inventory			
No.	Item	Brand/Model	Quantity
1	Concrete Post 35 ft height	Atlas Class 500	3
2	Concrete Post 20 ft height	Atlas Class 500	2
3	Suspension Insulator ANSI C29.2	Gamma 8265	18
4	Pin Insulator ANSI C29.6	Gamma 8345	2
5	Cutouts Fused With Fuse	ABB Type NCX	6
6	Pole Mounted Transformer 25 KVA	Prolec GE 480/240	3
7	Electric Meter	RXRS4e	1
8	Fused Manual Transfer Switch	DT36FRK	1
9	Fuse Type R 600 V	Fusetron FRS	6
10	Panelboard W/ Branch Breakers 1-2X70A, 1-2X30A MLO, 480V	Eaton Cuttler Hammer Type PRL2A	1
11	Panelboard W/ Branch Breakers Main 100A, 6-1X20A , 120V	Eaton Cuttler Hammer Type PRL1A	1
12	Transformer 240X480 NEMA 3R 1SA	S20L11S1SN	1
13	Receptacles GFCI Leviton 20A	Leviton	1
14	Pressure Sodium Exterior Lighting	Howard Ligthing MINIWP-SO-HPS-120	4
15	Frequency Variator NEMA 4X	Aquadrive VLT	1
16	Frequency Variator Control Panel	Multiple Components	1
17	Alarm System Control Panel	Multiple Components	1
18	Alarm Audio Visual Device	SpectrAlert Advance p2r	1
19	Interior Lighting	LUN4X2 32EU	2
20	HPLPE Tanks 100 GAL	Snyder HDLPE Custom Made Tank	2
21	Hypochlorine Mixers	Marathon Electric 5KH36PNB050AT	2
22	Clear Test-tube	Milton Roy Test Tube TT-4000	2
23	Safety Valve	Milton Roy H SERIES S0841	2
24	Back Pressure Valve	Milton Roy H SERIES B0841	2
25	Damper And Gauge	Milton Roy PD003611414T0300	2
26	Metering Pump	Milton Roy RA1-1 10 Al SE SE NN	2
27	Water Well Pump	Grundfos 300S200-S	1
28	Water Well Motor	Franklin Electric 480 3-Phase	1
29	Vertical Check Valve	Flomatic 80DI	1
30	Galvanized Steel Pipes	Tubac, ASTM AS3 SCH40	6
31	90 Degrees Bend Ductile Iron Pipe 4"	Starpipes Products	3
32	90 Degrees Bend Ductile Iron Pipe 2"	Starpipes Products	1
33	Tee Ductile Iron Pipe 4"	Starpipes Products	1
34	Air Release Valve 4"	Vamex E10	1
35	Gate Valve 4"	NIBCO CWP IRON Body Valves	1
36	Gate Valve 2"	NIBCO CWP IRON Body Valves	1
37	Gate Valve 3" (For Hydrant)	Muller A-2362	1

Secondary Water Wells Inventory			
No.	Item	Brand/Model	Quantity
38	Gate Valve 6" (For Connection To Existing)	ASV CS09 NRS	1
39	Pressure Release Valve	Model 1100	1
40	Ductile Iron Pipe 300MM	Starpipes Products	2
41	Ductile Iron Pipe 650MM	Starpipes Products	1
42	Ductile Iron Pipe 1000MM	Starpipes Products	1
43	Gauge 6 Inches	XSEL, WIKA	1
44	Pressure Transmitter	Danfoss MBS3000	1
45	Water Meter	Mcrometer MW500	1
46	Horizontal Check Valve 4"	NIBCO F91813 CLASS 125	1
47	PVC Piping 6 Inches	PVC Pipe Amanco	32
48	Tapping Sleeve Cast Iron 6 Inches	Muller CO H304SS	1
49	Tapping Sleeve Cast Iron 3 Inches	Ford Stainless Steel Tapping Sleeve Style Fast 6-3	1
50	Post Hydrant Style 33	M&H C502	1

ATTACHMENT J-1502000-13
VERTICAL LIFT INVENTORY

Vertical Lift Systems Description

The major components of the Vertical Lift Inventory System are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the Vertical Lifts and all mechanically and electrically interlocked ancillary parts, equipment, and components of the system, such as: cars/platforms, tracks, lighting, rails, guides, governors, motors, cables, pulleys, switches, hydraulic cylinders, piping, pumps, tanks, weights, monitoring and control systems, electrical disconnects, etc, and all other components that are permanently installed part of – or – permanently installed supporting part of the vertical lift system.

Vertical Lift Inventory¹

No.	Description	Model No.	Serial No.	Quantity	Location
1	MOHAWK, Two Post Vehicle Lift Manual	TP-20	A41113	1	Vehicle Lift Building

Note 1: The Contractor may use the vehicle lift, when needed (shared usage between the Government and Contractor).

ATTACHMENT J-1502000-14
FUELING SYSTEM INVENTORY

Fuel System Description

The major components of the Fueling System are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the Fueling Systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the system, such as: Pumps, nozzles, hoses, piping, tanks, monitoring and control systems, electrical connections, electrical disconnects, switches, displays, measuring devices, motors, etc, and all other components that are permanently installed part of – or – permanently installed supporting part of the fueling system.

Fuel System Inventory

No.	Description	Model No.	Serial No.	Quantity	Location
1	Gilbarco Atlas Double pump	9153KTW2	AT036165	1	Fuel Pump
2	Containment Solutions, Gasoline Tank - 250 Gal	LDP250 P	N/A	1	Fuel Pump
3	Containment Solutions, Tank 1,000 Gal	LDPI000P	N/A	1	Fuel Pump
4	Mechanical Pump – Jet Fuel	TBD		1	Fuel Pump
5	Fuel Tank – 250 Gal	TBD		1	Fuel Pump

ATTACHMENT J-1502000-15
AUTOMATIC VEHICLE POP-UP BARRIERS SYSTEM DESCRIPTION

Barrier Description

The major components of the Automatic Vehicle Pop-up Barrier system are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement a preventive maintenance program for the Automatic barrier systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the system, such as:
 Platforms, tracks, lighting, rails, guides, governors, motors, cables, pulleys, switches, hydraulic cylinders, piping, pumps, tanks, weights, monitoring and control systems, electrical panels, electrical connections, electrical disconnects, etc, and all other components that are permanently installed part of – or – permanently installed supporting part of the automatic vehicle barrier system.

Automatic Vehicle Pop-up Barrier Inventory

No.	Description	Model No.	Serial No.	Quantity	Location
1	Phalanx Style Barrier Systems	TT107S/FM & TT207S/FM	Unknown	2	Main Gate (FAES compound); Airfield Ramp (FAES compound)

ATTACHMENT J-1502000-16
HVAC AND REFRIGERATION SYSTEMS INVENTORY

HVAC and Refrigeration Systems Description

The major components of each HVAC and Refrigeration System are provided as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement an IMP for the HVAC and Refrigeration Systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the HVAC and Refrigeration System.

HVAC is the Facility, Building or Zone or Room mechanical system designed to satisfy the environmental conditions within an air-conditioned space, controlling the temperature, building pressure, relative humidity, distribution and movement of air, and air cleanliness / quality. Differing types of system exist within the locations covered by the Performance Work Statement. However, for the definition of HVAC as related to the work requirements within this Performance Work Statement, HVAC shall be understood to incorporate all items within and supporting the HVAC system including, but not limited to : Outside Air Intake; Chiller; Preheater; Dehumidifier, Heating Coil, Humidifier, Fans, Duct-Work, Air Outlets, Air Terminal, Diffusers / Grills / Vents, Refrigerant Lines, Heat Exchanger, Evaporator Coil, VAV boxes, infrared lighting, sensors, Condensing Unit, Thermostat, Air-Handler, Hot, Cold & Condenser Water Pumps (as connected to supporting the HVAC System), Filters, Dampers, and all other components thater are permanently installed part of – or – permanently installed supporting part of the HVAC system.

HVAC and Refrigeration Inventory

No.	Description	Model	Size (Tons)	Quantity	Location
1	Trane Voyager 15 Tons Packet Unit	TCH180F400AA	15	1	Administrative Building
2	ComfortStar 1.5 Tons, Split Type Room Air Conditioner Room 103	CSC18CD(O)-M	1.5	1	Administrative Building
3	ComfortStar 1.5 Tons, Split Type Room Air Conditioner Room 104	CSC18CD(O)-M	1.5	1	Administrative Building
4	ComfortStar 1.5 Tons, Split Type Room Air Conditioner, OPS Manager	CSC18CDH(O)	1.5	1	Administrative Building
5	ComfortStar 3.0 Tons ,Split Type Room Air Conditioner, Room 105	BAR36-1	3	1	Administrative Building
6	Lennox 2.0 Tons, Split Type Air Conditioner, Room 109	LXG SCTC024 100P2; SIN: 123070682400C4190018	2	1	Administrative Building
7	Miller 1.0 Tons, Type Room Air Conditioner, Room 110	MDX4-024KCR3	1	1	Administrative Building
8	ComfortStar 1.5 Tons, Split Type Room Air Conditioner, Room 112	CSC18CD-H	1.5	1	Administrative Building
9	Lennox 1.5 Tons, Split Type Room Air Conditioner, Room 113	LXGSCTC018100P2	1.5	1	Administrative Building
10	Miller 2.0 Tons, Split Type Room Air Conditioner, Storage	MDX5-024KCR3	2	1	Administrative Building
11	York 1.0 Tons, Split Type Room Air Conditioner, Room 119	TLDA12FS-ADR	1	1	Administrative Building
12	Trane 2.0 Tons, Split Type Room Air Conditioner, Room 116/117	TTB524C100B0	2	1	Administrative Building

HVAC and Refrigeration Inventory					
No.	Description	Model	Size (Tons)	Quantity	Location
13	COMFORTSTAR 5.0 Tons, Split Type Room Air Conditioner Room 116/117	BAR60-3	5	1	Administrative Building
14	LENNOX 1.5 Tons, Split Type Room Air Conditioner, Room 118	LXGSCTC018	1.5	1	Administrative Building
15	York 2.0 Tons, Split Type Room Air Conditioner, Room 119	TLDA24FS-IDR	2	1	Administrative Building
16	COMFORT STAR Air Conditioner, Room 102	CSC18CD-H	1	1	Administrative Building
17	TRANE Voyager 15 Tons Packet Unit, Maintenance Bldg	TCH180F400AA	15	1	Maintenance Building
18	ComfortStar, Split Type Room Air Conditioner, Room 214	CCC1024CD	2	1	Maintenance Building
19	York, Split Type Room Air Conditioner, Room 214	YSDA24FS-ADA	1	1	Maintenance Building
20	Lennox Split type Room Air Conditioner, Room 215	LXGSCTC018	1.5	1	Maintenance Building
21	Lennox Split Type Room Air Conditioner, Room 215	KF35-12CGWC	1	1	Maintenance Building
22	MASTERTECH Split Type Room Air Conditioner, Rm 207	RSR1-18CR	1	1	Maintenance Building
23	YORK Split Type Room Air Conditioner , Rm 218	TLDA12FS-ADR	1	1	Maintenance Building
24	Lennox 2.5 Tons, Central unit Type, Offices 1 st floor Room 102	10ACC-030-230-04	2.5	1	Warehouse Building
25	York 12.5 ton package unit	ZF150E18A2AZZ60001A	12.5	1	Post Office
26	MOVAIR mini-split type room air conditioner.	BIN414C2V32	1	1	Post Office
25	COMFORSTAR 2.5 Tons, Central unit Type, 1 st floor Room 103	MIA36-13	2.5	1	Warehouse Building
26	ComfortStar 5 Tons. Offices & Hallway 1 st floor	MAH60-410; SIN: 811206114030043	5	1	Warehouse Building
27	Comfort Start 5 Tons. Logistics 2nd floor Room 202	BAR36-1; SIN: 8111810001035	5	1	Warehouse Building
28	Lennox 4 Tons, Central unit Type, Offices & Hallway 2nd floor	10ACC-048-230-04	4	1	Warehouse Building
29	ComfortStar, Split Type, Conference Room 2 nd floor	BAR36-3	3	1	Warehouse Building
29	Goodman 4 Tons. Central Unit Male's Restroom at Level 2	1108701949	4	1	Warehouse Building
30	Lennox, FEMALE'S RESTROOM 2 nd FLOOR	13ACD-018-230-02	1.5	1	Warehouse Building
31	ComfortStar, 2 Tons Mini Split, Rm 204	BAN60-1	1.5	1	Warehouse Building

HVAC and Refrigeration Inventory					
No.	Description	Model	Size (Tons)	Quantity	Location
32	Trane XB 1000 1Ton	TTB512CI0080	1	1	Warehouse Building
33	ComfortStar, Room 108	CCH018CD(O)	1.5	1	Warehouse Building
34	Trane XB 1000, Electrical Room 104	TTB512CI0080	1	1	Warehouse Building
35	GREE, 2 nd Floor Gym	HW13060Na A-D	1	3	Warehouse Building
36	Mezzanine mini-split unit 5 ton		5	1	Warehouse Mezzanine
37	Mezzanine mini-split unit 5 ton		5	1	Warehouse Mezzanine
38	Mezzanine mini-split unit 5 ton		5	1	Warehouse Mezzanine
38	Friedrich Window Type, Hazmat Container # 1	SH20M30-A	1.75	1	Portamags and Containers
39	Friedrich Window Type, Hazmat Container # 4	SH20M30-A	1.75	1	Portamags and Containers
40	Miller Window Type, MMF 1	DX4-024	1	1	Portamags and Containers
41	York Window Type, MMF 2	Y9USC12	1	1	Portamags and Containers
42	Scientific System Window Type, POR-A-MAG # 1	WACX-0753-LAC	0.75	1	Portamags and Containers
43	Scientific System Window Type, PORT-A-MAG # 2	WACX-0753-LAC	0.75	1	Portamags and Containers
44	Mastertech Window Type, Red Connex	RSR-18CR	1	1	Portamags and Containers
45	Mastertech Window Type, Supply Connex	RSR-18CR	1	1	Portamags and Containers
46	York 12,000 BTU, window type unit at unisex restroom	Y9USC12	1	1	Gym
47	York 12,000 BTU, window type unit.	Y9USC12	1	1	Gym
48	International Comfort Products 5.0 Tons ,Central type unit in saloon	NAC060AKA1	5	1	Gym
49	Miller 5.0 Tons ,Central type unit in saloon	JS5BX060K	5	1	Gym
50	York Condensing Unit	YD120C00A2AAA3	1	1	Sonobuoy Building
51	York Air Handling Unit	ND120C00D6AAA2	1	1	Sonobuoy Building
52	COMFORSTAR	BAR2-60-1	1	1	Gardener's Bldg

HVAC and Refrigeration Inventory					
No.	Description	Model	Size (Tons)	Quantity	Location
53	Carrier A/C unit	50LC0006A2C5A-2A0A0	5	2	Administration Bldg

ATTACHMENTJ-1502000-17
TEMPERATURE STANDARDS

Area	Cooling Season*	Heating Season*
Living & Admin. Areas (Inactive Employment)	78	68
Working Areas (Active Employment)	78	68
Storage Areas	78	40
Computer Areas	70	68
Training Areas	75	68

*Degrees F. dry bulb

REFRIGERATION SYSTEMS	
Type	Degrees F.
Frozen Meat	0 to -5
Fresh Meat	30 to 34
Ice Storage	28 to 30
Dairy Products	32 to 34
Ice Cream	0 to -5
Beer	35 to 39
Fruits and Vegetables	36 to 42
Chill Room	35 to 39

ATTACHMENT J-1502000-18
ELECTRICAL DISTRIBUTION SYSTEMS INVENTORY

Electrical Distribution Systems Description

The major components of each Electric Distribution System are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement an integrated maintenance program for the Electrical Distribution Systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the system, such as: generators, transformers, switches, driers, manholes, lights, emergency lights, extractors, electric wiring, utility poles, distribution lines, substations, fuses, relays, UPS, vaults, cable system, lightning component, control/electric panels, meters, connections, pumps, piping, gauges, automatic transfer switch, electric motors, engines, tanks, fuses, monitoring and controls systems, and all other components that are permanently installed part of – or – permanently installed supporting part of the electrical distribution system.

Electrical Distribution Inventory					
No.	Description	Model No.	Serial Number	Quantity	Location
1	Emergency Generator Tradewinds 500 KW, VAC 277/480	TP500-T2		1	Administrative Building
2	Automatic Transfer Switch General Electric	ZTGSEO00040E-43R70		2	Administrative Building
3	Emergency Generator Generac Power Systems, 250 KW	3004690300	2071645	1	Administrative Building
4	Siemens Automatic Transfer Switch, 400 AMPS.	N/A	71-5-0024	1	Administrative Building
5	GE 300 KVA, Pole Mounted Transformers (3X100 KVA)	N/A	08A160190, 08A160191, 08A160192	1	Administrative Building
6	General Electric Dry Type Dist. Transformer, 45 KVA	9T23Q3073	K 178325	1	Administrative Building
7	Cutler Hammer Dry Type Dist. Transformer, 150 KVA	H48M28B49A	JO3B05267	1	Administrative Building
8	Cutler Hammer Electrical Panel, (LA-1 / LA-2), 208/120 V	8805C31G22, G18	NTT-002, 013	2	Administrative Building
9	Cutler Hammer Electrical Panel (HA / MDP), 480/277 V	8805C34G02, G11	NTT-005, 006	2	Administrative Building
10	Cutler Hammer Electrical Panel(HAZMAT), 208/120 V	CH12L125R	N/A	1	Administrative Building
11	Cutler Hammer Heavy Duty Safety Switch (MSD), 480 V	DH365NRK	N/A	1	Administrative Building
12	Cutler Hammer Electrical Panel(LB-1, LB-2), 208/120 V	1C96652G06, G02	N/A	2	Administrative Building

Electrical Distribution Inventory					
No.	Description	Model No.	Serial Number	Quantity	Location
13	Cutler Hammer Electrical Panel (APC-UPS)-, 208/120 V	1C96649G02	N/A	1	Administrative Building
14	Cutler Hammer Electrical Panel (GSE), 208/120 V	1C96646G02	N/A	1	Administrative Building
15	General Electric Electrical Panel (PNL-1), 480/277 V	AB313	N/A	1	Administrative Building
16	General Electric Electrical Panel (PNL-2), 208/120 V	TM3041SR	N/A	1	Administrative Building
17	GE Load Center 208Y/120VAC,3 PH 225A(TIKI Hutt area)	TL24AC3	TL24415C	1	Administrative Building
18	UPS Panelboard 125A, 208Y/120VAC	TL12AC3	TL12412C	1	Administrative Building
19	GE Load Center(LP5) 120/240 VAC 1PH	TLM12CCU	TLM12BC	1	Administrative Building
20	WWTP Main Control Panel (Comminutor, Flow Meter)	N/A	02259A	3	Administrative Building
21	Cutler Hammer, Wwtp Safety Switch 480 V. - 100 AMPS.	N/A	N/A	1	Administrative Building
22	Hoffman, Chlorination Plant Control Panel 120 V	BK19304	N/A	1	Administrative Building
23	Roof Stractors 120 V. (Maintenance Restrooms)	N/A	N/A	2	Administrative Building
24	American Dryers, Hand drier- 120V-15 A	DRICTN	IC10, IC01	6	Administrative Building
25	Cutler Hammer, Air Conditioning Safety Switches, 60 AMPS.	N/A	N/A	7	Administrative Building
26	Electric Manholes, Neenah	N/A	N/A	5	Administrative Building
27	Electric Hand Holes, Neenah	N/A	N/A	4	Administrative Building
28	Exit Lights , 277 V./12 V.	N/A	N/A	6	Administrative Building
29	Parking Lot Lamps, Sodium High Pressure, 277 V.	N/A	N/A	4	Administrative Building
30	Lamps On Exterior Walls, Cooper Lighting, 277 V.	N/A	N/A	14	Administrative Building
31	Administration Building Lighting Fixtures, 277V.	N/A	N/A	64	Administrative Building
32	Maintenance Building Lighting Fixtures, 277 V.	N/A	N/A	79	Administrative Building
33	GSE Building Lighting Fixtures, Cooper , 277 V.	N/A	9493717	10	Administrative Building
34	LAV Building Lighting Fixture, Cooper ,	N/A	9493717	4	Administrative Building

Electrical Distribution Inventory					
No.	Description	Model No.	Serial Number	Quantity	Location
	277 V.				
35	Hard Stand Vehicle Lift, Lighting Fixtures, 277 V.	N/A	N/A	18	Administrative Building
36	Hard Stand Vehicle Lift Flood Lights, 277 V.	N/A	N/A	8	Administrative Building
37	Emergency Generator Generac Power Systems, 250 KW	5589560200	2084502	1	Warehouse Building
38	Generac Automatic Transfer Switch, 400 AMPS.	GTS040B3K2TDB 4	88800	1	Warehouse Building
39	GE 300 KVA, Pole Mounted Oil Type Transformers (3X100 KVA)	N/A	08A0101245, 08A010460, 08A010246	1	Warehouse Building
40	Square "D", Dry Type Transformer, 75 KVA-208/120V	75T3HB	N/A	1	Warehouse Building
41	Federal Pacific, Dry Type Transformer, 50 KVA-208/120V	S2T50	N/A	1	Warehouse Building
42	Electrical Panel (LP-1), Cutler Hammer, 400A/3 PH	BR4242B225	N/A	1	Warehouse Building
43	Electrical Panel (LP-2), Square "D", 400A/3 PH	QOC342MQF	S03	1	Warehouse Building
44	Electrical Panel (MP), Cutler Hammer, 480A/277V	8805C34G82	N/A	1	Warehouse Building
45	GE Load Center, 208Y/120VAC,3PH,200A	TM42EC3	TM42420C	1	Warehouse Building
46	Safety Switch Cutler Hammer, Heavy Duty 400A/3PH	DH365NGK	N/A	1	Warehouse Building
47	Roof Air Extractors, 120 V	N/A	N/A	5	Warehouse Building
48	Wall Air Extractors, 208 V	N/A	N/A	3	Warehouse Building
49	Wall Air Extractors, 120V	N/A	N/A	4	Warehouse Building
50	Air Conditioning Safety Switches, Cutler Hammer, 60A/600V	N/A	N/A	6	Warehouse Building
51	Metal Halide Lamps At Hangar Area 277V	N/A	N/A	12	Warehouse Building
52	Lithonia Flood Lights, 277V	N/A	N/A	14	Warehouse Building
53	Lighting Fixtures 1st Floor, Lithonia Lighting, 277V	N/A	N/A	35	Warehouse Building
54	Lighting Fixtures 2nd Floor, Lithonia Lighting, 277V	N/A	N/A	57	Warehouse Building
55	Lighting Fixtures At Mezzanine Area,	N/A	N/A	18	Warehouse Building

Electrical Distribution Inventory					
No.	Description	Model No.	Serial Number	Quantity	Location
	Lithonia Lighting, 277V				
56	Square D Main Panel, ,225A,208Y 120 VAC, 3Ph, 4W	NQ	N/A	1	Sonobuoy Building
57	Asco ATS Panel	D03ATSA30150CG0C	N/A	1	Sonobuoy Building
58	Square D Service Disconnect	HU364RB	N/A	1	Sonobuoy Building
59	Square D Safety Switch for Rolling door motor	U361	N/A	1	Sonobuoy Building
60	LiftMaster Rolling door opener motor	H1011MR	N/A	1	Sonobuoy Building
61	Eaton Dry Type Transformers	V48M28T45EE	N/A	1	Sonobuoy Building
62	General Electric Pole mounted Transformers, 15kVa each	N/A	N/A	3	Sonobuoy Building
63	Lithonia Lighting Interior Pendant Fluorescent lighting fixtures	EJ 3 32 MVOLT GEB10IS	N/A	15	Sonobuoy Building
64	Lithonia Lighting Exterior Flood Lights	OFTH 300PR 120 P BZ	N/A	4	Sonobuoy Building
65	Lithonia Lighting Exit Sign	LHQM S W 3 R M4	N/A	1	Sonobuoy Building
66	Lithonia Lighting Exterior Wall Pack lighting fixtures	TWS 32TRT 120 L/LP	N/A	2	Sonobuoy Building
67	2'x4' Lighting fixtures (25 fixtures with two T8 lamps)	N/A	N/A	25	Post Office
68	1'x2' Luminaires (2 fixtures with two T8 lamps)	N/A	N/A	2	Post Office
69	Perimeter wall packs for exterior lighting	N/A	N/A	3	Post Office
70	LED Exit Signs	N/A	N/A	4	Post Office
71	GE Power Mark	TM3220CCUMOD7	N/A	1	GYM
72	Cutler Hammer (LP-4)	N/A	N/A	1	Fire System Pump
73	Cutler Hammer (LP-3)	N/A	N/A	1	Chlorination Plant

ATTACHMENT J-1502000-19
WATER DISTRIBUTION INVENTORY

Water Distribution Systems Description

The major components of each Water Distribution System are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement an integrated maintenance program for the Water Distribution Systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the system, such as: control panels, backflow prevention devices, chlorination systems, valves, lawn sprinkler system, nozzles, water heaters, mixers, diaphragms, meters, connections, pumps, piping, air compressors, gauges, electric motors, engines, tanks, fuses, monitoring and controls systems, and all other components that are permanently installed part of – or – permanently installed supporting part of the water distribution system.

Water Distribution System Inventory

No.	Description	Model No.	Serial Number	Quantity
1	PCU, US Filter	A003629	N/A	1
2	Micro 2000 Analyzer, US Filter	N/A	N/A	1
3	Chlorine Mixer #1 & #2, DAYTON	N/A	N/A	2
4	Back Pressure Relief Valves, Griffco & Valcom	I 054402, 90050BP	1054402, 103429	2
5	Pressure Relief Valves	2034958, 2034959	2034959	2
6	Pulsation Dampener, Griffco & Valcom	87003-30H	101081(113372-S6)A, 101081(113372)8	2
7	Diaphragm Pumps, Encore 700	OCM-III	N/A	2
8	Chlorine Motor, Baldor	PM3428P	W0203191029, W0203191024	2
9	Fire Hydrant, American Darling	B62B-1	N/A	2
10	Fire Hydrant, Eclipse	MRC 5000	N/A	1
11	Hydraulic Chem Scales Century	40-12D40LP	N/A	2
12	Instantaneous Water Heater, CEC	45-793219	07201328, 09202664, 09202681, 09202685	4
13	Tank Type Water Heater, Richmond (2) & A.O. Smith (L)	6E50-2, N/A	RM0505B17401, RMO 105204209, 6567-065	3
14	Sprinkler System, Rain Bird (WWTP Area)	N/A	N/A	1
15	Sprinkler System Water Pump, 2.5 HP (Ramp)	N/A	N/A	1
16	Emergency Eye Wash Station,	N/A	N/A	4
17	Chlorine Tanks	N/A	N/A	2
18	Metering Pump Panelboard, US Filter	N/A	N/A	1
19	Back Up UPS CS 350 120V-10A-60 HZ, APC	4B0944P38240	BK350	1
20	Surge Suppressor, ITD of Destin 120 VAC	6-0102-8890	ITD 34 D06AC0020	1
21	Emergency Water System Tank, 4,000 Gallons	N/A	N/A	1

ATTACHMENT J-1502000-20
FIRE PROTECTION SYSTEMS INVENTORY

Fire Protection Systems Description

The major components of each Fire Protection System are provided below as a basis of estimate. As part of the Recurring Work, the Contractor shall develop and implement an integrated maintenance program for the Fire Protection Systems and all mechanically and electrically interlocked ancillary parts, equipment, and components of the Fire Detection, Notification, and Suppression Systems, such as: control panels, annunciators, strobe lights, initiating devices, transmitters, receivers, detectors, sensors, meters, batteries, notification appliances, voice communication devices, antennas, power supply units, Wet Chemicals, Dry Chemicals, alarm devices, backflow prevention devices, valves, sprinkler heads, nozzles, connections, pumps, piping, air compressors, gauges, electric motors, engines, tanks, fuses, monitoring and controls systems, and all other components that are permanently installed part of – or – permanently installed supporting part of the fire protection system.

Fire Protection Systems Inventory

No.	Description	Model No.	Serial Number	Quantity	Location
1	Silent Knight Fire Alarm Control Panel	5700 INTELLIKNIGHT	N/A	1	Sonobuoy Building
2	Silent Knight Fire Alarm Annunciator Panel	N/A	N/A	1	Sonobuoy Building
3	Silent Knight Smoke Detectors	SK-PHOTO-P	N/A	7	Sonobuoy Building
4	Silent Knight Horn/Strobe Lights	P2R	N/A	2	Sonobuoy Building
5	Silent Knight Pull Station	K-PULL-DA	N/A	1	Sonobuoy Building
6	Fire Extinguisher HOSE02	A0051C	N/A	1	WWTP
7	Cummins Engine	CFP39-F15	46662332	1	Fire Pump House
8	Diesel Tank 250 Gallons	N/A	N/A	1	Fire Pump House
9	Cummins Engine Controller	A10710	278392	1	Fire Pump House
10	Control Panel Josllyn	N/A	278392	1	Fire Pump House
11	Jockey Pump (Pressure Relief Pump)	1303017103	06F-100	1	Fire Pump House
12	Jockey Pump (Jockey Pump Controller)	T41LBF	06E-100627-1	1	Fire Pump House
13	Wastegate Valve 8" 2360 200W FCCHA TN 8	N/A	N/A	1	Fire Pump House
14	Wastegate Valve Return To Home 6" 2006 C509 USA AWW A 250W	N/A	N/A	1	Fire Pump House
15	Relief Valve 6" 200PSI Watts ACV CL150 P3734-40	N/A	N/A	1	Fire Pump House
16	Steel-Water-Tank-141,000 GALLS	AIAI	62598	1	Water Storage Tank
17	Cathodic Protection Rectifier DC Volt 60 DC AMP 5 AC Volt 115/530 PHI HZ60 A.C Amp 3.7/1.8 AMB TEMP 50	AIAI	62598		Cathodic Protection System

PORTABLE FIRE EXTINGUISHERS INVENTORY				
FACILITY	LOCATION	TYPE	Pounds	S/N
ADMIN. BLDG.	Hallway	ABC	10	706688
	Admin. Office	ABC	10	B00745324
	Level II Hallway	ABC	10	92947
	Level II - Room 114	HALOTRON	11	971033
	Security Dispatch	ABC	10	
MAINTENANCE BLDG.	Hallway (next to ATM)	ABC	10	87928
	Hallway (Ramp access)	ABC	10	922746
	Room 202 (Medical)	ABC	10	B00745334
	Room 203 (Security)	ABC	10	A31887850
	Room 205	ABC	10	86301
	Room 208	ABC	10	
	Room 214	ABC	10	216003
	Room 215	ABC	10	92948
	Room 112	ABC	10	962932
	Room 112	ABC	10	962949
	Hallway (Room 218)	ABC	10	86303
WAREHOUSE BLDG.	1st floor Hallway	ABC	10	963000
	Warehouse Bay #1	ABC	10	969307
	Warehouse Bay #2	ABC	10	969303
	Warehouse Bay #3	ABC	10	962935
	Warehouse Bay #4	ABC	10	963013
	Geedunk	ABC	20	551758
	Room 102 (Carpentry)	ABC	10	962932
	Room 103 (Storage)	ABC	10	962949
	Mezzanine Gym	ABC	10	962986
	2nd floor Hallway (access)	ABC	10	73237
	2nd floor Hallway (restrooms)	ABC	10	96952
	2nd floor Hallway (storage)	ABC	10	73327
	Room 202W	ABC	10	963003
POST OFFICE	Post Office #1	ABC	10	31853420
	LS1 Office	ABC	10	31853360
	Conference Room access	ABC	10	31853417
	Electrical room	CO2	10	29223180
GROUNDS	Tiki Hut	ABC	10	ZG092952
	GSE Bldg.	ABC	20	369303
	Motor Pool	ABC	20	369614
	Hazwaste (outside)	ABC	20	369315
	Hazwaste (inside)	ABC	10	86303
	Gas Station	ABC	10	211156
	Air compressor #2	ABC	10	962937
AIRCRAFT RAMP	Ramp #1	HALOTRON	150	470092
	Ramp #2	HALOTRON	150	470087
	Ramp #3	HALOTRON	150	470095

PORTABLE FIRE EXTINGUISHERS INVENTORY				
FACILITY	LOCATION	TYPE	Pounds	S/N
	Ramp #5	HALOTRON	150	470089
	Ramp #6	HALOTRON	150	470085
	Ramp #7	HALOTRON	150	470088
SONO BUOY	Access	ABC	10	A40332473
	Electrical panels	ABC	10	A40368693

Additional Fire Protection Valves for CSL Complex				
No.	Description	Model No.	Serial Number	Quantity
1	Valve -Wilkins 350A Operation (Record Box)	N/A	N/A	1
2	Valves	N/A	N/A	2
3	Valve -Mueller 8" Download Tank AWWA 250W NSF-61 CHATN 8 2005	N/A	N/A	1
4	Valve -Double Check Backflow Preventer Wilkins 350 A 4" V05158 175 PSI (Inlet Tank)	N/A	N/A	1
5	Vavulas 4" 2006 C5 1 5 USA DI 250W	N/A	N/A	2
6	OCV Control VALVE SIZE 4" (OCV 4" 401044)	8000	108607	1
7	Room #113 Riser Valves 4" 2004 USA Kennedy KS-FW	N/A	N/A	2
8	Check Valve Devices Ames 3000SS SIZE 4"	N/A	1395960105	1
9	Badger Meter	25RECORDALL	29968961	1
10	Alarm Valve 4" Automatic Sprinkler LPCB	353	N/A	1
11	Hydrant Clow AWWA Oskaloosa Iowa 250PSI 2006 Listed 9960	N/A	N/A	1
12	Valves	N/A	N/A	2

ATTACHMENT J-1502000-21
CAMERA/INFRARED SECURITY SYSTEMS INVENTORY

C4I Camera Components				
Item	Camera Series	Name Assigned	Type	Location
1	MX10-16-119-53	Admin Main Entrance	Day	interior buildings
2	MX10-16-119-2	Admin Office 1	Day	interior buildings
3	MX10-16-118-240	Admin Office 2	Day	interior buildings
4	MX10-16-113-28	Admin Hallway	Day	interior buildings
5	MX10-16-119-35	Maintenance Entrance	Day	interior buildings
6	MX10-16-87-20	Maintenance Hallway 1	Day	interior buildings
7	MX10-16-250-83	Maintenance Hallway 2	Day	interior buildings
8	MX10-16-60-87	Maintenance Gym	Day	interior buildings
9	MX10-16-119-59	Maintenance Break Room	Day	interior buildings
10	MX10-16-119-5	Post Office Front	Day	interior buildings
11	MX10-16-122-171	Post Office Rear	Day	interior buildings
12	MX10-16-157-114	Warehouse 1st Floor Hallway	Day	interior buildings
13	MX10-16-62-137	Warehouse Bay Main	Day	interior buildings
14	MX10-16-63-132	Warehouse Bay Corner	Day	interior buildings
15	MX10-16-72-81	Warehouse 2nd Floor Entrance	Day	interior buildings
16	MX10-16-77-27	Warehouse 2nd Floor Hallway 1	Day	interior buildings
17	MX10-16-64-153	Warehouse 2nd Floor Hallway 2	Day	interior buildings
18	MX10-16-108-15	Warehouse 2nd Floor Hallway 3	Day	interior buildings
19	MX10-16-189-254	Admin Exterior Main	Day/Night	exterior
20	MX10-16-119-42	Admin Exterior Main 2	Day/Night	exterior
21	MX10-16-183-100	GSE Gate	Day/Night	Pole 16
22	MX10-16-119-110	GSE Gate 2	Day/Night	Pole 16
23	MX10-16-205-61	Tiki	Day/Night	exterior
24	MX10-16-119-103	Post Office Exterior	Day/Night	exterior
25	MX10-16-115-145	Maintenance Exterior	Day/Night	exterior
26	MX10-16-119-132	Warehouse Exterior Flight Line	Day/Night	exterior
27	MX10-16-119-114	Warehouse Exterior North Gate	Day/Night	exterior
28	MX10-16-183-91	North Gate	Day/Night	Pole 12
29	MX10-16-183-93	North Gate 2	Day/Night	Pole 12
30	AXIS	North Gate PTZ	PTZ	Pole 12
31	MX10-16-190-36	North West Corner	Day/Night	Pole 13
32	MX10-16-189-244	North West Corner 2	Day/Night	Pole 13
33	MX10-16-180-227	FAS CSL 1	Day/Night	Pole 14
34	MX10-16-183-87	FAS CSL 2	Day/Night	Pole 14
35	AXIS	FAS CSL PTZ	PTZ	Pole 14
36	MX10-16-183-111	FAS CSL 3	Day/Night	Pole 15
37	MX10-16-119-122	FAS CSL 4	Day/Night	Pole 15
38	MX10-16-189-240	FAS CSL 5	Day/Night	Pole 15
39	MX10-16-189-251	Throat 1	Day/Night	Pole 9
40	MX10-16-203-171	Throat 1	Day/Night	Pole 9
41	AXIS	Throat PTZ	PTZ	Pole 9
42	MX10-16-149-253	S/W Perimeter 1	Day/Night	Pole 8
43	MX10-16-168-157	S/E Perimeter 2	Day/Night	Pole 8

C4I Camera Components				
Item	Camera Series	Name Assigned	Type	Location
44	MX10-16-183-89	S/W Water Treatment	Day/Night	Pole 7
45	MX10-16-189-190	S/E Water Treatment	Day/Night	Pole 7
46	MX10-16-184-41	November Road 1	Day/Night	Pole 6
47	MX10-16-184-38	November Road 2	Day/Night	Pole 6
48	MX10-16-189-249	November Road 3	Day/Night	Pole 5
49	MX10-16-184-35	November Road 4	Day/Night	Pole 5
50	MX10-16-149-4	November Road 5	Day/Night	Pole 4
51	MX10-16-181-24	November Road 6	Day/Night	Pole 4
52	MX10-16-188-27	November Road 7	Day/Night	Pole 3
53	MX10-16-189-226	November Road 8	Day/Night	Pole 3
54	MX10-16-183-120	November Road 9	Day/Night	Pole 2
55	MX10-16-183-109	November Road/GSE 10	Day/Night	Pole 2
56	MX10-16-183-114	Solar Panel East	Day/Night	Pole 1
57	MX10-16-183-96	Solar Panel North	Day/Night	Pole 1
58	MX10-16-180-225	Solar Panel West	Day/Night	Pole 1
59	AXIS	Inner Perimeter PTZ 1	PTZ	Pole 10
60	AXIS	Inner Perimeter PTZ 2	PTZ	Pole 11
61	AXIS	Brigada Main Gate PTZ	PTZ	exterior
62	AXIS	Brigada Gate 5 PTZ	PTZ	exterior
63	AXIS	Brigada Range PTZ	PTZ	exterior

Note: Day/Night Camera is with Infrared Capability

C4I Accessories/Ancillary Equipment Installed		
Items	Equipment Description	Quantity
1	Media Converters Switch For All Cameras, One For Each	63
2	Viostor NVR VS-12164U-RP Pro+	1
3	Panasonic 42 inch class Full HD LED display	6
4	D-Link Web smart switches DES 1210-28P Series	3
5	UPS TRIPP LITE Smart 1500 LCD SM6788 (One At Warehouse Room 204, 3 AT Dispatch AND 3 At UPS Room Level 2	7
6	POE Surge Protectors MJ8- POE-A	63
7	Altronix Netway1 Single Port PoE Injector	30
8	Leviton Panel Mounted Multi-Phase Surge Protective Device (SPD)	3
9	Leviton Multimedia Outlet System Surface-Mount Box	38
10	Newlink SC Multimode FO to UTP 10/100 Mbps Media Converter	76
11	Newlink 45-RU Aluminum Rack 7' x 19" (spare, new in box stored at warehouse)	1
12	New Dell Computer installed at Dispatch Office (*)	3
13	Axis T8008 Power Supplies and Cables	8
14	Axis T91A67 Pole Bracket -PTZ Housing and Mounts	8
15	Axis T8311 Joystick	1
16	Media Converter SC M.Mode 10/100 Mbps	40
17	QNAP 12-Bay 2U NVR 64-CH Surveillance Reundat Power	1

(*) :New DELL Computer installed at Dispatch Office , dell Optiplex 9020, Intel® 4th generation Core™ i7/, Windows 8.1 64 bit, Integrated Intel® HD Graphics 4600

C4I Available Spares(**)		
Item	Equipment Description	Quantity Available
1	MX-M25M-Sec-Night-N12 Mobotix Camera	2
2	MX-M15D-Sec-Dnight-D25N25 Mobotix Camera	1

ATTACHMENT J-1502000-22
RAMP, APRON, AND TAXIWAYS INVENTORY

Taxiway, Apron, and Ramp Area and Tie Down Inventory		
Description	Area (SF)	Number of Tiedowns Points
Ramp	58,364	239
Taxiway	N/A	N/A
Apron	N/A	N/A

Taxiway, Apron, and Ramp Light Inventory		
Type	Quantity	Additional Lighting Information
Taxiway Lights	22	Light type: F.A.A. AC 150/5345-46A.6 – 6 amp, 45W elevated taxiway light fixture

ATTACHMENT J-1502000-23
SELF CONTAINED DRAINS INVENTORY

Grease Trap Self-Contained Drains Inventory			
No.	Size of Grease Trap (Gallons) Description	Frequency of Service	Location
1	Self-contained drain	Monthly	Airfield Ramp – Spot 6
2	Self-contained drain	Monthly	Vehicle Lift Building

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ATTACHMENT NUMBER	ATTACHMENT TITLE
J-1503010-01	DEFINITIONS AND ACRONYMS
J-1503010-02	DIRECTIVES, INSTRUCTIONS, AND REFERENCES
J-1503010-03	SERVICE CLASS
J-1503010-04	CUSTODIAL INVENTORY

ATTACHMENT J-1503010-01
DEFINITIONS AND ACRONYMS

Definition	Description
Ash Urn	Receptacle specifically used for the disposal of cigarettes, cigars, and other smoking product waste.
Clean	Free of dirt, dust, spots, streaks, graffiti, smudges, smears, litter, bugs, debris, liquids, and other foreign residue.
Coating	Applying a sealing coat (or finish) to a floor, sometimes referred to as waxing.
Debris	Includes, but is not limited to, paper, cans, bottles, large limbs and branches, and other similar items.
Disinfect	To cleanse of microorganisms by application of a chemical agent, also sanitize.
Dispenser	A dispensing container, machine, etc. which is used to store and release products in single usage portions. Dispensers under this definition include but are not limited to paper towel dispensers, toilet paper dispensers, toilet seat cover dispensers, and soap dispensers.
Dust Free Spaces	Areas requiring specific controls on emission of dust particles from cleaning processes or equipment.
Interior Glass Surfaces	All glass, plexi-glass, transparent or semi-transparent plastic surfaces within a building. Including but not limited to: walls, doors, room dividers, display cases, etc.
Lunch/Break Room	A room designated for use of employees to store, prepare, and consume meals.
Restroom	A room or facility with sinks, urinals, toilets, showers and other similar fixtures.
Sanitary	Free of microorganisms.
Service Class	Category that describes frequency of work for each work item.
Sightly	Attractive, tasteful, or pleasing to the sight and consistent with its intended purpose.
Space	An area to receive janitorial services which may or may not be considered a room by common definition, e.g., definable sections of hallways, stairwells, lobbies, offices, entrances, and elevators.
Waste Containers	Trash receptacles, wastebaskets, trashcans, wastepaper baskets, or any container holding trash, paper, or refuse of any type.
Window	Any glass opening on the exterior wall of a building or facility. Includes the interior and exterior of the glass, sill, frame; as well as the associated screens and storm windows.

ATTACHMENT J-1503010-02
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
29 CFR 1910.141	OSHA Standards for Restrooms

ATTACHMENT J-1503010-03
SERVICE CLASS

		FREQUENCY BY SERVICE CLASS			
Spec Item	Work Item	A	B	C	E
3.1.1	Space Cleaning				
3.1.1.1	Emptying Waste Containers	W	D	D	D
3.1.1.2	Low Area Dusting/ Cleaning	W	D	D	D
3.1.1.3	Spray Equipment with Disinfectant	0	0	0	D
3.1.1.4	Interior Window Cleaning	M	0	0	0
3.1.1.5	Exterior Window Cleaning	M	0	0	0
3.1.1.6	Interior Glass Surfaces Cleaning	M	M	0	0
3.1.2	Floor Care				
3.1.2.1	Sweeping and Dust Mopping	D	2W	W	D
3.1.2.2	Damp Mopping	2W	W	2M	D
3.1.2.3	Spray Cleaning and Buffing	M	6Y	4Y	0
3.1.2.4	Stripping, Coating, and Buffing	4Y	2Y	Y	0
3.1.2.5	Vacuuming Carpets and Rugs	D	0	0	0
3.1.2.6	Carpet and Rug Deep Cleaning	2Y	0	0	0
3.1.3	Restrooms, Lounges, Locker Rooms Services				
3.1.3.1	Restrooms, Lounges, Locker Rooms Cleaning	D	0	D	0
3.1.3.2	Restrooms, Lounges, Locker Rooms Servicing	D	0	D	0
3.1.4	Building Perimeter Services				
	Debris Removal	D			
	Emptying Perimeter Waste Containers	D			
	Building Entrance Cleaning	W			

D =Daily
 2W= Twice Weekly
 W=Weekly
 3Y= Three Times per Year
 2Y= Two Times per Year
 Y= One Time per Year
 M=Monthly
 6Y= Six Times per Year
 4Y= Four Times per Year
 2M= Twice a Month

ATTACHMENT J-1503010-04
CUSTODIAL INVENTORY

Facility Description	Service Class	Flooring Information		Restrooms		
		Total Area (including Restrooms)	Type of Flooring	No. of Restrooms	SF of Restrooms	No. Restroom/ shower Fixtures
Administrative Building	A	6,600 SF	Terrazo Tile / Carpet	3	334.4	4 / 0
Maintenance Building	A	6,050 SF	Terrazo Tile	2	1,223.12	6 / 5
Maintenance Building (Gym)	E	450 SF	Plastic Rubber	0	0	0
Post Office	A	1878.6 SF	Terrazo Tile	2	117.2	2 / 0
Warehouse Building (Office Areas)	A	5,281.3 SF	Terrazo Tile	3	1,141.68	4 / 3
Warehouse Building (Other than Office Areas)	C	10,235.5 SF	Sealed Concrete	0	0	0
Sonobouy Building	C	1,411.6 SF	Concrete Floor	0	0	0
Warehouse Mezzanine	E	1,907.5 SF	Plastic Rubber	0	0	0
GSE Building	B	3,325.6 SF	Sealed Concrete	0	0	0
LAV Building	B	1,494.1 SF	Sealed Concrete	0	0	0
Vehicle Lift Building	B	1,147.3 SF	Sealed Concrete	0	0	0
Vehicle Lift Annex	B	749.17 SF	Sealed Concrete	0	0	0
LPOX Building	B	144.67 SF	Concrete Floor	0	0	0
Hazwaste Cage	B	130.0 SF	Sealed Concrete	0	0	0
Generator House	B	306.77 SF	Concrete Floor	0	0	0
Bus stop	B	398.26 SF	Concrete Floor	0	0	0
Refuse Collection Site	B	132.92 SF	Concrete Floor	0	0	0
Tiki Hutt	B	2534 SF	Concrete Floor	0	0	0
Chlorination Building	B	130.0 SF	Concrete Floor	0	0	0
Fire Pump House	B	254.81 SF	Concrete Floor	0	0	0
Secondary Water Well pump house	B	81 SF	Concrete Floor	0	0	0
VAWT electrical buildings	B	25 SF	Concrete Floor	0	0	0
Guard Shack – GSE gate	A	48 SF	Vinyl / Rubber	0	0	0
Guard Shack – Airfield Ramp	A	48 SF	Vinyl / Rubber	0	0	0
Gym (On FAES Compound)	E	1,568.7 SF	Plastic Rubber	1	16.4	1 / 0

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J-1503020-06	VEGETATION MANAGEMENT
J-1503020-07	VERTEBRATE PEST REQUIREMENTS
J-1503020-08	TERMITE CONTROL SPECIFICATIONS

ATTACHMENT J-1503010-01
DEFINITIONS AND ACRONYMS

Definition	Description
Arthropod	The group of animals that includes insects, spiders, ticks, mites, silverfish, and related organisms.
Callback	A request for additional service or retreatment following the initial service that has not provided the control required. Callbacks shall be provided at no additional cost to the Government.
Certified Applicator/ Operator	Any individual who applies pesticides or supervises the use of pesticides, and who has been authorized to do so by successfully completing a training program approved by the local laws.
Contractor's Work Plan (CWP) for Pest Control	A Contractor developed document submitted as part of the Contractor proposal that describes how the requirements of this contract will be met. The plan establishes the strategies and methods for conducting a safe, effective, and environmentally sound pest management program.
Disease Vector	Any animal capable of transmitting the causative agent of a human disease. It is recognized that certain disease vectors are predominately nuisance or economic pests that as conditions change may require management or control as a disease vector.
Insect Growth Regulator (IGR)	Chemical substance that disrupts the action of insect hormones controlling molting, maturity from pupal stage to adult, and other growth functions for the purpose of insect control.
Integrated Pest Management Coordinator (IPMC)	The individual, fully trained in IPM principles and practice, designated by the installation commanding officer (CO) to coordinate and oversee all pest management activities at the installation.
Integrated Pest Management Plan (IPMP)	A required, written long-range, comprehensive planning and operational document that establishes the strategy and methods for conducting a safe, effective, and environmentally sound IPM program. IPM plans are a means of establishing and implementing installation pest management programs and function as the tool used to ensure compliance with applicable pest management laws and regulations.
Integrated Pest Management (IPM)	A planned program incorporating education, continuous surveillance, record keeping, and communication to prevent pests and disease vectors from causing unacceptable damage to operations, people, property, materiel, or the environment. IPM uses targeted, sustainable (effective, economical, environmentally sound) methods including habitat modification, biological, genetic, cultural, mechanical, physical, and regulatory controls; and when necessary, the judicious use of least hazardous pesticides.
Material Safety Data Sheet (MSDS)	A document (Occupational Safety and Health Administration (OSHA) Form 174, or equivalent) that accompanies a pesticide product, providing the handler with chemical information on ingredients, handling instructions, potential hazards, and manufacturer address and emergency contact information.
Medically Important Pest	Any animal capable of transmitting the causative agent of a human disease serving as an intermediate or reservoir host of a pathogenic organism producing human discomfort or injury, including (but not limited to) mosquitoes, flies, other insects, ticks, mites, snails, and rodents.
Nuisance Pests	Arthropods, and other organisms, that do not cause economic damage or adversely affect human health, but which on occasion do cause annoyance.
Pest Management	The prevention and control of disease vectors and pests that may adversely affect the DoD mission or military operations; the health and well being of people; or structures, material, or property.
Pesticide	Any substance or mixture of substances, including biological control agents, registered by EPA under FIFRA intended to destroy, repel, or mitigate pests. Includes insecticides, rodenticides, herbicides, fungicides, plant regulators, defoliant, desiccants, disinfectants, anti-fouling paints, and biocides (such as water treatment chemicals). NAVFACENCOM pest management consultants do not approve disinfectants or biocides.

ATTACHMENT J-1503010-01
DEFINITIONS AND ACRONYMS

Definition	Description
Pesticide Facility	The building and areas designated for handling, storing, and mixing of pesticides.
Pests	Any organism (except for micro-organisms that cause human or animal diseases) that adversely affects operations, preparedness, the well being of humans or animals, real property, materiel, equipment or vegetation, or is otherwise undesirable.
Registered Pesticide	A pesticide registered by EPA for sale and use within the United States.
Road Mile/Kilometer	A unit of measure for measuring fogging application for adult mosquito control using a vehicle mounted Ultra Low Volume (ULV) aerosol generator traveling along a given route for a distance of 5,280 feet/1,000 meters.
Surveillance	Thorough inspections or surveys conducted before or after pest management treatments or on a regular basis to determine the presence and prevalence of pests or disease vectors.
Time Period to Maintain Control	A frequency specified on each Pest Group Sheet that is the minimum time the Contractor shall maintain control of pest(s) after reaching the specified level of control.
Time Period to Obtain Control	A frequency specified on each Pest Group Sheet that is the maximum time allotted for the Contractor to obtain control of pest(s) per the specified level of control.
Time Period to Respond	A frequency specified on each Pest Group Sheet that is the maximum time the Contractor is permitted to respond to a trouble call.

ATTACHMENT J-1503020-02
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

The Contractor shall adhere to the applicable portions of the current edition of the following publications and directives in performing the services required under this contract:

- Armed Forces Pest Management Board TG No. 11, Hydrogen Phosphide Fumigation of Subsistence with Aluminium Phosphide
- Armed Forces Pest Management Board TG No. 14, Protective Equipment for Pest Control Personnel
- Armed Forces Pest Management Board TG No. 15, Pesticide Spill Prevention and Management
- Armed Forces Pest Management Board TG No. 27, Stored-Product Pest Monitoring Methods
- Armed Forces Pest Management Board TG No. 29, Integrated Pest Management In and Around Buildings
- Armed Forces Pest Management Board TG No. 37, Guidelines for Reducing Feral/Stray Cat Populations on Military Installations in the United States
- Department of Defense Directive 4150.07 , Department of Defense Pest Management Program
- Executive Order 12088, Prevention, Control, and Abatement of Environmental Pollution at Federal Installations
- Federal Aviation Regulation, Part 137, Agricultural Aircraft Operations
- OPNAV Instruction 6250.4C, Navy Pest Management Programs
- OPNAVINST 5090.1C , Environmental Readiness Program Manual, Chapter 17: Pesticide Compliance Ashore
- 42 U.S.C. 4321 et seq., National Environmental Policy Act (NEPA)
- 7 U.S.C. 136 et seq., Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended
- 16 U.S.C. 1531 et seq., Endangered Species Act
- 42 U.S.C. 6901 et seq., Resource Conservation and Recovery Act (RCRA)
- US Air Force Model Pesticide Reduction Plan (July 1996)

ATTACHMENT J-1503020-03
 NUISANCE PEST REQUIREMENTS

Pest Group Number	Pest Group Name	General Requirements
001	Ant Control	Prevent and control ants in and around buildings and structures.
002	Arthropod Control in Food Handling Establishments	Prevent/control all arthropod pests in food handling establishments. Arthropod pests include, but are not limited to, cockroaches, ants (excludes fire ants which are covered under a separate pest group), silverfish, centipedes, ground beetles, fleas, spiders, stored product pests, etc.
003	Cockroach Control	Prevent and control all cockroaches.
004	Flea Control in and Around Buildings and Structures	Control flea infestations in and around buildings and structures.
005	Miscellaneous Arthropod Pest Control	Prevent and control nuisance arthropod pests in and around buildings and structures. Includes but is not limited to spiders, silverfish, scorpions, crickets, centipedes, millipedes, box elder bugs, parasitic or biting mites, beetles, etc. (Excludes ants, cockroaches, filth flies, and bees/wasps/hornets covered in separate sections.)
006	Stored Product Pest Control (Arthropods)	Control and prevent stored product pests at designated sites.

ATTACHMENT J-1503020-03
 NUISANCE PEST REQUIREMENTS (cont'd)

PERFORMANCE STANDARDS

Pest Group Number	Pest Group Name	Time Period to Respond₁	Time Period to Obtain Control₂	Time Period to Maintain Control	Level of Control³	Notes See Below
001	Ant Control	10 days	30 days	365 days	100% control	1, 2, 3, 4
002	Arthropod Control in Food Handling Establishments	24 hrs	7 days	28 days	Retreatment required if: -Cockroaches: 4 or more adults or nymphs or 1 egg capsule per room -Ants: 4 or more -Centipedes/Spiders: 1 or more -Other Arthropods: 3 or more	1, 2, 3, 4
003	Cockroach Control	3 days	7 days	30 days	Retreatment required if: 4 or more adults or nymphs or 1 egg capsule per room	1, 2, 3, 4
004	Flea Control	2 day	7 days	30 days	100% control	1, 4, 5
005	Miscellaneous Arthropod Pest Control	7 days	10 days	30 days	Sensitive areas:100% control Mites: 100% control Retreatment required if: - Food Handling: 3 or more arthropods/room/survey - Offices/Admin: 3 or more arthropods/room/survey - Industrial Areas: 5 or more arthropods/room/survey - Outdoors: 5 or more arthropods in a 100 square foot area	4
006	Stored Product Pest Control	3 days	24 hrs	30 days (residual) 7 days (ULV)	Sighting of any exposed, living, stored product pest(s) after 72 hours shall require retreatment	1, 4, 5, 6

NOTES:

- 1 - Regularly scheduled, periodic pesticide applications are not approved for DoD property.
- 2 - Liquid, dust, or aerosol pesticide formulations shall not be applied indoors when food is exposed or spaces are occupied.
- 3 - Treatment of areas outside or adjacent areas to the designated area does not constitute an added service call or charge.
- 4 – Report conditions conducive to pest infestation to the KO and Integrated Pest Management Coordinator within one working day following survey.
- 5 - Coordinate with residents/building personnel on specific treatment and re-entry times.
- 6 - The ULV machine shall be calibrated for generating proper droplet sizes and range before starting any work under this contract and thereafter every 90 days or every 50 hours of use, whichever comes first. Maintain a log of ULV machine hour use.

¹ After notification

² After first control action

³ Based on performance assessment (i.e. surveys, customer complaints)

ATTACHMENT J-1503020-04
DISEASE VECTOR OR HEALTH PEST REQUIREMENTS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>General Requirements</u>
008	Adult Mosquito Control	Application of a mosquito adulticide (ULV Formulation) at designated sites when directed by KO.
009	Adult Mosquito Control - Residual	Application of a mosquito adulticide (residual spray) at designated sites when directed by KO.
010	Adult Mosquito Surveillance	Survey for adult mosquitoes using light trap(s) and deliver catches to Installation Preventive Medicine.
011	Bed Bugs	Control all bedbugs.
012	Bee, Wasp, Hornet, and Stinging Arthropod Control	Control stinging arthropod infestations in and around buildings, structures, and areas. Pests include, but are not limited to, bees, wasps, hornets, cicada killers, yellow jackets, and solitary wasps (mud daubers, umbrella wasps).
014	Filth Fly Control	Prevent and control filth flies including house flies, flesh flies, bottle flies, blow flies, fruit flies, and other related insects that breed or are attracted to garbage and trash in area designated by the KO. Identify source, if applicable.
015	Larval and Pupal Mosquito Control	Control of larval and pupal mosquitoes in designated area(s) when directed by KO (medical personnel determine when to control).
016	Larval Mosquito Surveillance	Survey designated mosquito breeding sites for immature mosquitoes (eggs, larvae, and pupae) and deliver catches to Installation Preventive Medicine.
018	Fire Ant Control	Prevent and control fire ants indoors and outdoors. Sites include all developed and semi-developed areas and other designated sites.

ATTACHMENT J-1503020-04
DISEASE VECTOR OR HEALTH PEST REQUIREMENTS (cont'd)

PERFORMANCE STANDARDS

Pest Group Number	Pest Group Name	Time Period to Respond⁴	Time Period to Obtain Control⁵	Time Period to Maintain Control	Level of Control⁶	Notes See Below
007	Aerial Spray Support and Operations	24 hrs	N/A	N/A	All services rendered within time period requested	7
008	Adult Mosquito Control	24 hrs	N/A	N/A	ULV application performed as per specifications	6, 8
009	Adult Mosquito Control - Residual	24 hrs	N/A	N/A	Residual application performed as per specifications	N/A
010	Adult Mosquito Surveillance	7 days ⁷	Weekly during mosquito season	Duration of mosquito season ⁸	Based on a Government risk assessment, surveillance shall be performed on at least one night per week with both positive and negative results being reported weekly to the KO and Installation Preventive Medicine Department. Traps shall be set prior to sunset and picked up after sunrise.	See Pest Group 011: Adult Mosquito Surveillance Below
011	Bed Bug Control	24 hrs	14 days	60 days	100% control	1, 2, 3, 4, 5
012	Bee, Wasp, Hornet, and Stinging Arthropod Control	4 hrs	24 hrs (stinging hazard) 2 days (nest removal)	28 days	100% control	2, 4
014	Filth Fly Control	2 days	2 days	30 days	Indoors: 100% control Retreatment required if: -Outdoors/Dumpsters: 10 or more adults or immatures -Outdoors: 5 or more adults or immatures	1, 2, 3, 4

⁴ After notification

⁵ After first control action

⁶ Based on performance assessment (i.e. surveys, customer complaints)

⁷ As determined by the Government

ATTACHMENT J-1503020-04
DISEASE VECTOR OR HEALTH PEST REQUIREMENTS (cont'd)

PERFORMANCE STANDARDS

Pest Group Number	Pest Group Name	Time Period to Respond ⁸	Time Period to Obtain Control ⁹	Time Period to Maintain Control	Level of Control ¹⁰	Notes See Below
015	Larval and Pupal Mosquito Control	24 hrs	7 days	30 days	More than two larva or pupae per dip is grounds for re-treatment at Contractor's expense. If using an insect growth regulator, evidence of adult emergence is grounds for re-treatment using a larvicide that doesn't contain an insect growth regulator, if necessary	9
016	Larval Mosquito Surveillance	Within 14 days of 1 st day of month [§]	Every 2 weeks after mosquito increase [§]	Duration of increased mosquito population [§]	Surveillance shall be performed every two weeks and both positive and negative results shall be reported to the KO and installation Preventive Medicine Department	See Pest Group 016: Larval Mosquito Surveillance Below
018	Fire Ant Control	Immediately (indoors) 1 day (outdoors)	1 day (indoors) 5 days (outdoors)	30 days	Indoor: 100% control Outdoors: - Critical areas: less than 1 mound/colony per acre - Non-critical areas: less than 3 mounds/colonies per acre	1, 2, 3, 4

⁸ After notification

⁹ After first control action

¹⁰ Based on performance assessment (i.e. surveys, customer complaints)

ATTACHMENT J-1503020-04
DISEASE VECTOR OR HEALTH PEST REQUIREMENTS (cont'd)

NOTES:

- 1 - Regularly scheduled, periodic pesticide applications are not approved for DoD property.
- 2 - Liquid, dust, or aerosol pesticide formulations shall not be applied indoors when food is exposed or spaces are occupied.
- 3 - Treatment of areas outside or adjacent areas to the designated area does not constitute an added service call or charge.
- 4 - Report conditions conducive to pest infestation to the KO and Integrated Pest Management Coordinator within one working day following survey.
- 5 - Coordinate with residents/building personnel on specific treatment and re-entry times.
- 6 - The ULV machine shall be calibrated for generating proper droplet sizes and range before starting any work under this contract and thereafter every 90 days or every 50 hours of use, whichever comes first. Maintain a log of ULV machine hour use.
- 7 - Aerial applications of pesticides require validation and approval by a pest management consultant.
- 8 - The adulticide is applied at maximum label rate for the adulticide used.
- 9 - The KO shall designate areas where mosquito larva should be controlled on a map supplied by the government. The areas may be intermittent water (developed from surveys for larval breeding sites), or permanent water sites.

Pest Group 011: Adult Mosquito Surveillance

Equipment Provider: The Contractor shall provide the mosquito light trap(s) and all other equipment (as needed) to complete mosquito survey(s) as directed by the KO. All cost for procurement of equipment (including traps, batteries, extension cords, light bulbs, collection bags, etc.) shall be included in the bid price for this service and does not constitute grounds for any added charge under any other part of this contract.

Trap Design: Type of trap will be determined by the target mosquito species. The installation Preventive Medicine Department can provide information on local nuisance and vector mosquitoes. New Jersey light traps (or equal), CDC Miniature light traps (or equal) (battery operated), gravid traps, or other commercially purchased light trap designs deemed acceptable to the Armed Forces Pest Control Board (AFPMB), shall be used. The Government may or may not provide electricity at the site where the KO designates that the light traps shall be placed. If no electricity is available, battery operated units shall be used. Battery operated units may be used even if electricity is provided. The government shall not supply batteries. Use the same trap design at the same location throughout the course of this contract.

Trap Placement: Traps shall be placed so as to effectively collect and measure the target mosquito population. The Government may determine trap locations.

Trapping Frequency: Traps shall be set once each week (weather permitting). If weather is inappropriate for trapping (heavy rain or consistent winds above 15 MPH), perform trapping on the night following the scheduled night (or the next appropriate night). Conduct adult mosquito trapping in accordance with the weekly schedule.

Survey Data: At a minimum, the Contractor shall count the total number of mosquitoes in the trap and record the number on the Adult Mosquito Catch Form.

Disposition of Mosquitoes: All mosquitos shall be disposed.

Reporting Adult Mosquito Collections: The Contractor shall complete the number of samples designated by the Government and record (in legible handwriting) the results of the survey for each location sampled. The Contractor shall note the date and time of collection, the number of mosquitoes collected per sample site, type of breeding source, notes regarding the sampled mosquitoes, and sum or average the totals. The KO may provide a collection form (Adult Mosquito Catch Form) on which the survey results are recorded. Records shall be reported on the collection form and submitted weekly during surveillance to the KO and the installation Preventive Medicine Department.

The critical level for initiation of adult mosquito control shall be 25 adult mosquitoes per trap. The base Preventive Medicine Technicians shall be consulted before any control takes place.

Pest Group 011: Adult Mosquito Surveillance

Equipment Provider: The Contractor shall provide the mosquito light trap(s) and all other equipment (as needed) to complete mosquito survey(s) as directed by the KO. All cost for procurement of equipment (including traps, batteries, extension cords, light bulbs, collection bags, etc.) shall be included in the bid price for this service and does not constitute grounds for any added charge under any other part of this contract.

Trap Design: Type of trap will be determined by the target mosquito species. The installation Preventive Medicine Department can provide information on local nuisance and vector mosquitoes. New Jersey light traps (or equal), CDC Miniature light traps (or equal) (battery operated), gravid traps, or other commercially purchased light trap designs deemed acceptable to the Armed Forces Pest Control Board (AFPMB), shall be used. The Government may or may not provide electricity at the site where the KO designates that the light traps shall be placed. If no electricity is available, battery operated units shall be used. Battery operated units may be used even if electricity is provided. The government shall not supply batteries. Use the same trap design at the same location throughout the course of this contract.

Trap Placement: Traps shall be placed so as to effectively collect and measure the target mosquito population. The Government may determine trap locations.

Trapping Frequency: Traps shall be set once each week (weather permitting). If weather is inappropriate for trapping (heavy rain or consistent winds above 15 MPH), perform trapping on the night following the scheduled night (or the next appropriate night). Conduct adult mosquito trapping in accordance with the weekly schedule.

Survey Data: At a minimum, the Contractor shall count the total number of mosquitoes in the trap and record the number on the Adult Mosquito Catch Form.

Disposition of Mosquitoes: Mosquitoes shall be disposed.

Reporting Adult Mosquito Collections: The Contractor shall complete the number of samples designated by the Government and record (in legible handwriting) the results of the survey for each location sampled. The Contractor shall note the date and time of collection, the number of mosquitoes collected per sample site, type of breeding source, notes regarding the sampled mosquitoes, and sum or average the totals. The KO may provide a collection form (Adult Mosquito Catch Form) on which the survey results are recorded. Records shall be reported on the collection form and submitted weekly during surveillance to the KO and the installation Preventive Medicine Department.

The critical level for initiation of adult mosquito control shall be 20 females (35 females if dry ice is used as an attractant) adult mosquitoes per trap. The base Preventive Medicine Technicians shall be consulted before any control takes place.

Pest Group 016: Larval Mosquito Surveillance

Equipment: The Contractor shall provide all equipment (as needed), to complete the assigned task(s) including , but not limited to, ladders, asepto syringes, boots, dippers, notebooks, etc (as applicable). The Contractor shall sample for immature mosquitoes on the schedule designated by the COR/ACOR.

Survey Designated Mosquito Breeding Sites (Areas designated by the ACO or Contract Specifications): Areas shall be designated by the KO for Non-recurring work, and by maps for Recurring work. In the designated area(s), there may be differing aquatic environments to sample from including but not limited to, wetlands, standing pools of water, tree holes, artificial containers, clogged rain gutters, land depressions with temporary pools, floodwater plains, standing ponds, underground or aboveground storm water catch basins, swamps, drainage ditches, tire dumps, recycling areas, or any area where mosquitoes can breed. It is the responsibility of the Contractor to survey all potential mosquito breeding sites within the designated area(s).

Previous Experience: Larval mosquito surveys are very technique sensitive. Only Contractor personnel, with significant previous experience sampling for immature mosquitoes, shall perform larval surveys.

Survey Techniques:

In larger bodies of water such as ponds, lakes, catch water basins, etc., perform surveys around the water perimeter using a standard larval mosquito dipper (style and type approved by the Installation Preventive Medicine Department and the KO). Complete a sufficient number of dips to develop an accurate average dip count for the body of water (e.g. 10 dips/sampling station). Different species of mosquito larvae must be surveyed using different dipping techniques. It may be necessary to proceed carefully, or to act swiftly depending on the species being sampled, as water disturbance or casting shadows could result in the larvae diving to the bottom. It is the Contractor's responsibility to know the proper sampling technique(s) for the mosquito species present.

In smaller water bodies such as rain gutters, artificial containers, tree holes etc., samples shall be taken using an appropriate collection device.

Reporting Larval Mosquito Collections: The Contractor shall record (in legible handwriting) the results of the survey for each location sampled. The Contractor shall complete the number of samples designated by the KO for each location. The Contractor shall note the date and time of collection, the number of immature mosquitoes collected per sample site, type of breeding source, notes regarding the sampled mosquitoes, and sum or average the totals. The KO may provide a collection form on which the survey results are recorded. Records shall be reported on the collection form and submitted every two weeks during surveillance to the KO and the installation Preventive Medicine Department.

ATTACHMENT J-1503020-05
STRUCTURE DAMAGING PEST REQUIREMENTS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	General Requirements
019	Other Wood Destroying Organisms (Non-Termite) Control	Prevent, manage, and control non-termite wood destroying organisms including, but not limited to powder post beetles (Lyctids and Bostrichids), Anobiids (furniture and deathwatch beetles), old house borer, carpenter ants, and carpenter bees.
020	Survey for Termite and Wood Destroying Organisms	Survey for all termite species and other wood destroying organisms including fungal rots, carpenter ants, and wood boring beetles.

PERFORMANCE STANDARDS

Pest Group Number	Pest Group Name	Time Period to Respond¹¹	Time Period to Obtain Control¹²	Time Period to Maintain Control	Level of Control¹³	Notes See Below
019	Other Wood Destroying Organisms (Non-Termite) Control	10 days	30 days	365 days	100% control	1, 2, 5
020	Survey for Termite and Wood Destroying Organisms	Same day (swarming) 7 days (not swarming)	N/A	2 Working Days (submit report)	N/A	2, 3, 4 See Pest Group 019: Termite and Wood Decay Inspection Below

NOTES:

- 1 - Liquid, dust, or aerosol pesticide formulations shall not be applied indoors when food is exposed or spaces are occupied.
- 2 - Report conditions conducive to pest infestation to the COR/ACOR within one working day following survey.
- 3 - Use the Termite and Wood Decay Inspection - DD Form 1070 and submit report to the COR/ACOR within two working days following survey
- 4 - Follow Termite Control Specifications (below) for termite management.
- 5 - If the infestation is a beetle species that will not reinfest seasoned dead wood, treatment shall not be performed. Provide a report to the COR/ACOR within two working days following survey detailing the species of beetle and the fact that it will not reinfest seasoned dead wood. This should refer to parasitic or biting mites only, e.g. bird mites, chiggers.

¹¹ After notification

¹² After first control action

¹³ Based on performance assessment (i.e. surveys, customer complaints)

ATTACHMENT J-1503020-05
STRUCTURE DAMAGING PEST REQUIREMENTS (cont'd)

TERMITE AND WOOD DECAY INSPECTION						DATE INSPECTED	BUILDING NUMBER
(DD Form 1070) (Use with Pest Group Sheet 019)							
INSTALLATION			TYPE BUILDING		INSPECTOR		
			PERM				
			TEMP				
I. FAVORABLE TERMITE AND FUNGI INFESTATION CONDITIONS							
WOOD IN CONTACT WITH SOIL			POOR VENTILATION UNDER BUILDING				
FORM BOARDS LEFT IN CONCRETE			WATER COLLECTIONS UNDER BUILDING				
WOOD MEMBERS SET IN CONCRETE FLOOR			VINES AND SHRUBS AGAINST BUILDING				
WOOD STEPS IN CONTACT WITH SOIL			LEAKY PLUMBING IN PUTTING				
WOOD STEPS WITHOUT SHIELDS			WOOD SCRAP PILED TINDER BUILDING				
WOOD SIDING IN CONTACT WITH SOIL			LOOSE WIRE IN CONTACT WITH SOIL				
PIPES IN CONTACT WITH SOIL AND WOOD			OTHER (Specify)				
NO SHIELDS ON FOUNDATION							
FAULTY TERMITE SHIELD							
II. LOCATION OF INFESTATIONS							
FOUNDATION TIMBERS			BASEBOARDS				
WOOD PILLARS			DOOR FRAMES				
SILLS			WINDOW FRAMES				
CROSS BEAMS			STEPS				
FURNITURE			ROOF				
FLOOR JOIST			OTHER (Specify)				
FLOOR							
STUDS							
III. TYPE OF TERMITE		IV. TYPE OF FUNGI			V. DAMAGE		
SUBTER-RANEAN	NONSUBTER-RANEAN	WOOD DECAY	WOOD STAINING	STRUCTURAL WEAKENING	SUPERFICIAL	ESTIMATED COST	
VI. REPAIR AND TREATMENT							
TYPE		RECM	ACCOMP	TYPE		RECM	ACCOMP
REMOVAL OF WOOD FROM SOIL CONTACT				REPAIR OF TERMITE SHIELDS			
SEALING CRACKS IN CONCRETE				REMOVAL OF CONCRETE FORMS			
POINTING UP POOR MORTAR				REMOVAL OF VINES AND SHRUBS			
LOWERING GRADE LEVEL				REMOVAL OF WOOD TRASH			
CAPPING CONCRETE FOUNDATION				OTHER (Specify)			
IMPROVING DRAINAGE UNDER BUILDING							
IMPROVING VENTILATION UNDER BUILDING							
VII. CHEMICAL CONTROL							
APPLICATION OF POISON DUST TO SHELTER TUBES YES <input type="checkbox"/> NO <input type="checkbox"/>				CHEMICAL USED			
SOIL POISON YES <input type="checkbox"/> NO <input type="checkbox"/>				TRENCH DEPTH	LINEAR FEET	CHEMICAL USED	
REPLACEMENT OF DAMAGED WOOD YES <input type="checkbox"/> NO <input type="checkbox"/>	NO. OF M BD FELT REPLACED	UNTREATED		DIPPED	SOAKED	SPRAYED	PRESSURE TREATED
DRILLING AND FLOODING TREATMENTS YES <input type="checkbox"/> NO <input type="checkbox"/>				CHEMICAL USED			
WOOD INJECTION FOR DRY WOOD TERMITE YES <input type="checkbox"/> NO <input type="checkbox"/>				CHEMICAL USED			
VIII. COST							
LABOR		MATERIAL			OTHER		TOTAL
IX. TREATMENT EFFECTIVENESS							
DATE	REMARKS					INSPECTOR	
DATE	REMARKS					INSPECTOR	
DATE	REMARKS					INSPECTOR	
DATE	TITLE OF INDIVIDUAL AFFECTING REPAIR AND TREATMENT			SIGNATURE			

ATTACHMENT J-1503020-06
VEGETATION MANAGEMENT REQUIREMENTS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>General Requirements</u>
023	Aquatic Plant Control	Control aquatic weeds in ditches, ponds, lakes, and other aquatic sites.
024	Industrial, Sidewalk, Substation, Vault, and Right-Of-Way Weed Control	Provide bare ground weed control in cracks in sidewalks and paved surfaces, at fence line locations, in transformer vaults, around fire hydrants, and other designated locations.
025	Turf and Ornamental Bed Weed Control	Control weeds in turf areas and in ornamental plant beds.

PERFORMANCE STANDARDS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>Time Period to Respond¹⁴</u>	<u>Time Period to Obtain Control¹⁵</u>	<u>Time Period to Maintain Control</u>	<u>Level of Control¹⁶</u>	<u>Notes See Below</u>
024	Industrial, Sidewalk, Substation, Vault, and Right-Of-Way Weed Control	5 days	14 days	Season long control is required. (i.e.: from the time of application through Dec. 31 of that calendar year)	Consequently, visual sighting of any weed warrants control.	3
025	Turf and Ornamental Bed Weed Control	7 days	21 days	Season long	More than 4 weed plants per ornamental bed or 1600 ft ² of turf are grounds for retreatment of that area at the Contractor's expense.	1, 2, 3

NOTES:

- 1 – Report conditions conducive to pest infestation to the KO and Integrated Pest Management Coordinator within one working day following survey.
- 2 - Post/Notify as required by applicable state/local regulations.
- 3 - Misapplication to target areas, or drift, runoff or other off-target effects that kill or damage any vegetation shall result in the Contractor replacing that vegetation at no charge to the Government.

¹⁴ After notification

¹⁵ After first control action

¹⁶ Based on performance assessment (i.e. surveys, customer complaints)

ATTACHMENT J-1503020-07
VERTEBRATE PEST REQUIREMENTS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	General Requirements
026	Bat Control in Buildings	Control/exclude bats from buildings in accordance with state regulations.
027	Commensal Rodents In and Around Buildings and Structures	Prevent and control rodents indoors or within 75 linear feet of the exterior walls of designated buildings and structures. Rodent pests include, but are not limited to Norway rats, roof rats, house mice, field mice, groundhogs (woodchucks) and other marmots. Service requires removal of dead animals.
028	Pest Bird Control (including Bird Aircraft Strike Hazard reduction activities)	(1) Prevent and control birds inside and outside buildings/structures, and (2) Prevent and control birds roosting/nesting on maintenance and aircraft operation areas.
029	Pest Vertebrate Control	Control pest vertebrate animals including, but not limited to, feral dogs and cats, squirrels, skunks, snakes, opossums, raccoons, and mongoose. Comply with local laws and regulations.

ATTACHMENT J-1503020-07
VERTEBRATE PEST REQUIREMENTS (cont'd)

PERFORMANCE STANDARDS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>Time Period to Respond</u> ¹⁷	<u>Time Period to Obtain Control</u> ¹⁸	<u>Time Period to Maintain Control</u>	<u>Level of Control</u> ¹⁹	<u>Notes See Below</u>
026	Bat Control in Buildings	Same day	1 day (single bat) 5 days (community)	7 days (single bat) 90 days (community)	100% control	2, 4, 5, 11
027	Commensal Rodents	1 day (indoors) 3 days (outdoors)	10 days (indoors) 30 days (outdoors)	30 days	100% control Retreatment required if rodent signs are identified after treatment	1, 2, 3, 4
028	Pest Bird Control (including Bird Aircraft Strike Hazard reduction activities)	Varies ²⁰	1 day	30 days	Indoor and Occupied Spaces: 100% control Retreatment required if: - Indoor Industrial and Outdoors: 5 or more birds	2, 4, 5, 6, 11
029	Pest Vertebrate Control	24 hr, Immediately (emergency, indoors)	3 days, 24 hr (emergency, indoors)	N/A	100% control	2, 4, 7, 8, 9, 10, 11

¹⁷ After notification

¹⁸ After first control action

¹⁹ Based on performance assessment (i.e. surveys, customer complaints)

²⁰ General Bird Control: 3 working days, 1 day in occupied spaces; BASH: 24 hours; BASH Emergency Call (Mission affected): Immediately

ATTACHMENT J-1503020-07
VERTEBRATE PEST REQUIREMENTS (cont'd)

NOTES:

- 1 - Regularly scheduled, periodic pesticide applications are not approved for DoD property.
- 2 - Report conditions conducive to pest infestation to the KO and Integrated Pest Management Coordinator within one working day following survey.
- 3 - Caught rodents shall not be left in traps for longer than 24 hours. Rodenticides should not be used in day care centers, schools or areas where food is prepared or served without special approval from the KO and notification of the Preventive Medicine Department
- 4 - Carcass disposal, transportation, disposition, deodorizing etc. are considered a normal part of pest control and are at no additional cost to the government.
- 5 - Permits may be required to perform this work (i.e., NPDES permit, FWS permit). The contractor shall obtain all permits and provide a copy to the KO prior to commencing control.
- 6 - Only three species of birds (European starling, English sparrow, and pigeons) may be controlled without a permit from the US Fish and Wildlife Service. Use of ultrasonic, electromagnetic, sonic repellent devices or electric shock devices is prohibited.
- 7 - Feral Cats: Captured feral cats may be taken to the local humane society or animal shelter. Feral cats and other animals shall not be neutered and released onto the installation.
- 8 - Wild Vertebrates That Do Not Transmit Rabies: Captured animals may be transported to remote areas of the Station and release or release in-area after exclusion is performed, if allowed by state laws. Animals classified as nuisance animals should be humanely euthanized. Relocation and release of captured animals must be done in accordance with all Federal, State, and local regulations. If transport/release is not possible or practical the animal may be euthanized humanely and the carcass disposed of in accordance with county/local laws.
- 9 - Leg hold traps or other devices that will harm animals are prohibited. Traps shall be placed and set in such a way as to prevent harm to humans and minimize harm to non-target animals.
- 10 - Non-lethal control is required unless the animal appears rabid, sick, is extremely aggressive and poses a danger to the contractor during trapping, poses a danger to personnel or is a nuisance animal. Captured animals shall be scrutinized for sickness. If sickness is suspected, or animals are defined as nuisance species, they shall be humanely euthanized. Coordinate with Base Medical Department for carcass disposition (disposal or transport as applicable). If animals appear healthy, transport/release if possible, or dispose of at the discretion of the KO. Relocation and release of captured animals must be done in accordance with all Federal, State, and local regulations. Animals defined as nuisance animals should be humanely euthanized rather than relocated and released
- 11 - Lethal control is prohibited without direct consent of the KO. If permitted, firearms use shall always be coordinated with Base Security.

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J-1503030-01	DEFINITIONS AND ACRONYMS
J-1503030-02	DIRECTIVES, INSTRUCTIONS, AND REFERENCES
J-1503030-03	DUMPSTERS AND FREQUENCIES

ATTACHMENT J-1503030-01
DEFINITIONS AND ACRONYMS

Definition/Acronym	Description
Ashes	The residue from burned wood, coal, coke, and other combustible material.
Container	A receptacle designed for holding and transporting various types of solid waste.
CY	Cubic Yard
Debris	Grass cuttings, tree trimmings, leaves, pine straw, limbs, stumps, street sweepings, roofing and construction wastes, and similar waste material.
Foreign Port Origin Garbage	Garbage subject to special treatment and disposal requirements.
Garbage	Animal and vegetable waste (and containers thereof) resulting from the handling, preparation, cooking, and consumption of foods. Edible or hog food garbage is that portion of waste food which has been segregated for salvage.
Hazardous Waste	A solid waste or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may: (1) cause, or significantly contribute to, an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (2) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.
Open Burning	The combustion of solid waste without (a) control of combustion air to maintain adequate temperature for efficient combustion, (b) containment of the combustion reaction in an enclosed device to provide sufficient residence time and mixing for complete combustion, or (c) control of the emission of the combustion products.
Recyclable Waste	Waste material which can be transformed into new products in such a manner that the original product may lose its identity.
Refuse	All garbage, ashes, debris, rubbish, and other similar waste materials. Not included are explosive and incendiary waste and contaminated waste from medical and radiological processes.
Rubbish	A variety of unsalvageable waste materials such as metal, glass, crockery, floor sweepings, paper, wrapping, containers, cartons, and similar articles not used in preparing or dispensing food.
Sanitary	Free of microorganisms.
Solid Waste	Refuse and other discarded solid materials resulting from commercial, industrial, residential, and community activities. It does not include hazardous wastes, infectious/medical wastes, solids or dissolved materials in domestic sewage, or other significant pollutants in water resources such as silt, dissolved or suspended solids in industrial waste, water effluents, dissolved materials in irrigation return flow, or other common water pollutants.
Spillage	Any refuse dislodged from containers and/or solid waste collecting equipment in the course of collection and disposal.
Waste Deposit Area	Designated points where solid wastes will be placed for collection by the Contractor. May also be referred to as collection station, collection point, pick-up stations, or collection site.

ATTACHMENT J-1503030-02
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
DoD Instruction 4715.05	Environmental Compliance at Installations Outside the United States
DoD Instruction 4715.05-G	Overseas Environmental Baseline Guidance Document (OEBDG)
UFC 4-451-10N	Design – Hazardous Waste Storage

ATTACHMENT J-1503030-03
DUMPSTERS AND FREQUENCIES

Integrated Solid Waste Management Inventory				
Description	Size	Quantity	Utilization	Frequency
Dumpster	4 CY	4	Solid Waste	Three Times Weekly (Mondays, Thursdays, Friday)

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J-1503050-03	LAWN MAINTENANCE TYPES
J-1503050-04	GROUNDS MAP

ATTACHMENT J-1503050-01
DEFINITIONS AND ACRONYMS

Definition/Acronym	Description
Aeration	Introduction of air into the soil by mechanical means to promote health and growth.
Appearance	Where there is a sense impression or outward aspect of an area or thing that is consistent, uniform and neat in and around the surroundings.
ATFP	Anti-Terrorism Force Protection
Artificial Turf	An artificial surface that resembles grass.
BASH	Bird Aircraft Strike Hazard
Berm	A mound or bank of earth typically used as a barrier.
Brow Ditch	A drainage ditch with sufficient slope to prevent erosion of adjacent grading.
Bruising of Lawn	An injury to grass areas resulting in discolored blades of grass, usually caused by mowing with a dull blade.
Caliper	The measurement of a tree trunk at its widest diameter, measured six inches up from the ground for trees under four inch caliper, and twelve inches from the ground for trees over four inch caliper. Multi-stem plants are measured at the widest point of all trunks, six inches up from the ground for trees under four inch caliper, and twelve inches from the ground for trees over four inch caliper.
Classification and Ordering of Plants	For the purposes of pruning, trimming, planting, or removal, specific plants shall be identified according to their type and application as specified in the American Horticulture Society Encyclopedia of Garden Plants (latest edition), D.K. Publishing under ISBN-0-7894-1943-2. Example: A Red Tip Photinia bush which is 15' tall will be classified as a shrub.
Clipping	Any vegetation that is left on paved surfaces, lawns, and plant beds after being cut by means of shears, mowers, etc.
De-thatch	Removal of unwanted thatch from mowed areas to promote health and growth.
Debris	Includes, but is not limited to, paper, cans, bottles, limbs and branches, pine straw and pinecones, leaves, rocks, and other similar items.
Depression	A small area that has sunken below its surroundings.
Diameter at Breast Height (DBH)	The diameter of a tree measured at 4½ feet above ground level.
Edging	Creating a uniform edged cut to promote a neat appearance and prevent ground structures from vegetation encroachment.
Fertilization	Application of natural and synthetic materials to the soil where it has become deficient in nutrients essential for proper plant growth.
Fron	A large leaf or branch of a palm tree, usually with many divisions.
Grade	To bring soil to previously established level or inclination using appropriate tools and equipment.
Grass Cutting	Cutting or trimming, monoecious flowering plants with simple leaves, within a designated area. Also includes cutting and trimming broadleaf weeds and other vegetation found in the lawn area to the required height as specified per contract.
Ground Cover	A plant which is chosen for the special task of providing a dense low attractive cover that prevents weeds and erosion. Varieties include, but are not limited to Vinca, Hosta, Ivy, Alyssum, Ajuga, and Liriope.
Hedge	Shrubs or other plants planted closely together so as to form an unbroken line during trimming.
Irrigation	Application of water to the soil to promote health and growth.
Irrigation System	A permanent system used for apply water to lawns and plants. The irrigation system includes all pumps, controls, piping and, sprinkler heads. The irrigation system starts at the valve supplying to the system.
Maximum Growth Height	That limit of dominant vegetative growth, excluding seed heads or pods.

ATTACHMENT J-1503050-01
DEFINITIONS AND ACRONYMS

Definition/Acronym	Description
Mowing	Cutting of all grasses, weeds, and other vegetation that is 1 inch or less in diameter (at ground level).
Pruning	The selective removal of unwanted growth to restore a plant or tree to its natural symmetry and appearance. Pruning involves selection and judgment, and does not include the practice of cutting off all branches to an even length. This may include re-sculpting, changing the size, or any other form of work that directly affects the look and growth pattern of the plant.
Rejuvenation	The severe pruning of overgrown bushes, shrubs and hedges to within a few inches of the ground or as directed by the KO to restore the plant to its natural shape.
Rut	Depressions made in soil or grass by tires of vehicles or heavy equipment.
Shrub	A woody perennial plant generally smaller than a tree, usually having many permanent stems branching from or near the ground, and does not have a definite crown shape. Shrubs may be deciduous or evergreen, and in the area covered by this contract, may be very large in height and width.
Sightly	Attractive, tasteful, or pleasing to the sight and consistent with its intended purpose.
Special Event	Services that could not reasonably have been anticipated and were not contemplated at time of contract award.
Stump	The bottom portion of a tree, which remains in the ground after the tree, has been cut for removal. Usually less than five feet in height.
Swale	A low-lying or depressed area intended for drainage.
Thatch	A layer of slowly decomposing organic residues situated above the soil surface and constituting the upper stratum of the medium that supports turf grass growth. Usually associated with warm season grasses.
Tree	A perennial woody plant having a permanent self-supporting single stem or multiple stems. Ordinarily grows higher than ten feet, and usually develops branches at some distance above the ground with a definite crown shape.
Trimming	Removal of unwanted vegetation around trees, shrubs, flower and shrub beds, cultivated areas, poles, walls, valves, and other similar objects to match the height and appearance of the surrounding grass. Shrub and hedge trimming includes removal of unwanted vegetation to maintain a uniform, and well-shaped appearance, and to prevent interference with pedestrians, vehicle traffic and building encroachment.
Trunk	The main stem of a tree, usually long, large and relatively straight.

ATTACHMENT J-1503050-02
DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

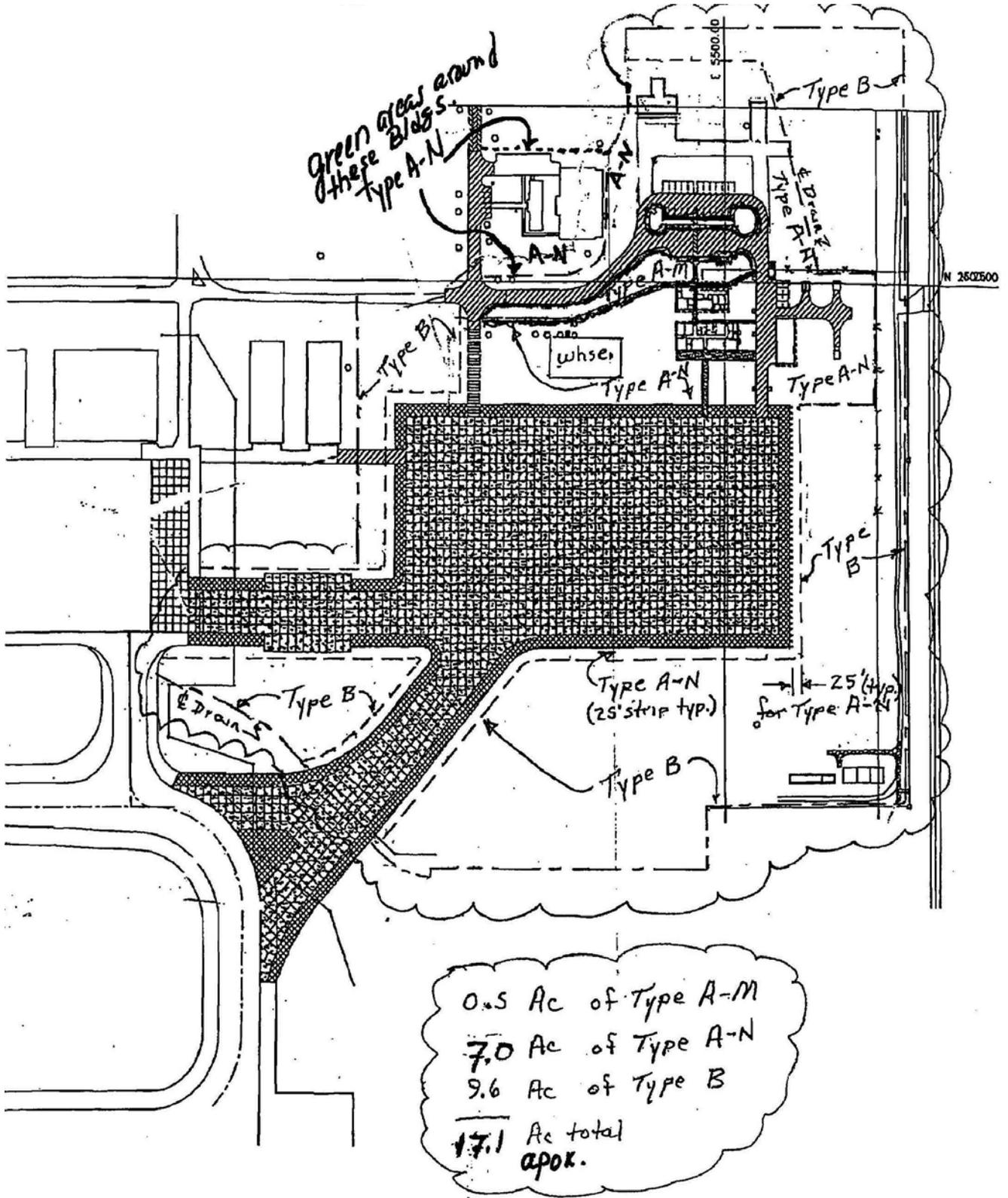
Reference	Title
OPNAV 5090.1 (most current)	Safe Drinking Water Act Compliance Ashore
OPNAV INST 6240.3 (most current)	Chapter 9, Pest Management
NFPA Fire Protection Handbook	Fire Protection Handbook

ATTACHMENT J-1503050-03
LAWN MAINTENANCE TYPES

Lawn Maintenance Types				
Spec Item	Task	Type A-M	Type A-N	Type B
3.1.1	Mowing and Trimming	<ul style="list-style-type: none"> • Max Grass Height – 10 cm • Cut To Height - 6 cm 	<ul style="list-style-type: none"> • Max Grass Height – 15 cm • Cut To Height - 8 cm 	<ul style="list-style-type: none"> • Max Grass Height – 20 cm • Cut To Height - 15 cm
3.1.2	Edging	Yes	Yes	Yes
3.1.3	Irrigation	Yes	Yes	Yes ¹
3.1.4	Vegetation Control and Fertilization	Yes	Yes	Yes
3.1.5	Tree, Shrub, Plant and Hedge Maintenance	Yes	Yes	Yes
3.1.6	Debris Removal	Yes	Yes	Yes

Note 1: Irrigation only applies to the natural storm drainage areas.

ATTACHMENT J-1503050-04
GROUND MAPS



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<u>J-1503050-05</u>	<u>RESPONSE FIRE SUPPRESSION TRUCK/SYSTEM SPECIFICATIONS</u>

ATTACHMENT J-1503050-01
DEFINITIONS AND ACRONYMS

Definition/Acronym	Description
Automotive Vehicles	Includes trailers and all self-propelled motor vehicles designed for highway or cross-country operations. Specifically included are buses, sedans, trucks, carryalls, station wagons, ambulances, refuelers, defuelers, truck trailers, brush, structural, aircraft firefighting, and rescue operation trucks.
Construction Equipment	All mechanical equipment used in the construction, alteration, or repair of buildings, bridges, roads, or other kinds of real property. It includes pile drivers, power shovels, and cranes with special attachments, road rollers, tractors, scrapers, plows, and street sweepers.
Downtime	The period of time during Government regular working hours that a unit of BSVE is removed from service for maintenance.
Material Handling Equipment (MHE)	Self-propelled and conveyor equipment used in storage and materials handling operations in and around warehouses, shipyards, industrial plants, airfields, magazines, depots, docks, terminals, and on-board ships. Included are warehouse tractors, forklift trucks, rough terrain forklift trucks, platform trucks, pallet trucks, conveyors and conveyor systems, and straddle carrying trucks.

ATTACHMENT J-1502000-02
 DIRECTIVES, INSTRUCTIONS, AND REFERENCES

All revisions and replacements of listed References and Technical Documents take precedent of those listed.

Reference	Title
Army Regulation 58-1	Management, Acquisition, and Use of Motor Vehicles
Army Regulation 600-55	The Army Driver and Operator Standardization Program (Selection, Training, Testing, and Licensing)
DoD Directive 4500.36	Management, Acquisition and Use of Motor Vehicles
DoD Regulation 4500.36R	Management, Acquisition and Use of Motor Vehicles
Executive Order 10579	“Regulations Relating to the Establishment of Interagency Motor Vehicle Pools and Systems.” November 30, 1954
Executive Order 13423	“Strengthening Federal Environmental, Energy, and Transportation Management,” January 24, 2007

ATTACHMENT J-1700000-03
FLEET INVENTORY

Vehicles – Government Owned				
No.	Year / Make	Model No.	Serial Number	Quantity
1	2013 Nissan	XTRAIL (SUV)	JN1TBNT30Z0155224	1
2	2013 Nissan	XTRAIL (SUV)	JN1TBNT30Z0155613	1
3	2013 Nissan	XTRAIL (SUV)	JN1TBNT30Z0155769	1
4	2013 Nissan	XTRAIL (SUV)	JN1TBNT30Z0155621	1
5	2007 Ford	Explorer XLT (SUV)	1FMEU73E47UB20635	1
6	2012 Nissan	Navara SE (Pick-up truck)	MNCCUD4000122244	1
67	2012 Isuzu	DMAX (Pick-up truck)	MPAS85HC100376	1
78	2012 Isuzu	DMAX (Pick-up truck)	MPAS85HC100243	1
89	2003 Ford	Econoline E-550 (NTAV)	1FDAE55S03HA95979	1
910	2011 Hyundai	HAD-45 (flat-bed truck)	KMFJA17BPBC175332	1

Vehicles – Government Furnished Vehicles				
No.	Description	Model No.	Serial Number	Quantity
1	2011 Hyundai	HAD-45 (flat-bed truck)	KMFJA17BPBC167770	1
2	2010 Mitsubishi	L300 (wagon/van)	JMJNP15AA000216	1

Vehicles – Contractor Owned / Government Operated				
No.	Description	Model No.	Serial Number	Quantity
1	2004 Ford	F-550 (Fire Truck)	1FDAF57P74EA92263	1

Airfield Equipment				
No.	Description	Model No.	Serial Number	Quantity
1	2004 - Kawasaki – Utility Vehicle (#4)	Mule 3010	JK1AFDBI64B504107	1
2	2004 - Kawasaki – Utility Vehicle (#3)	Mule 3010	JK1AFDBI84B381867	1
3	2005 - Kawasaki – Utility Vehicle (#6)	Mule 3010	JK1AFDBI75B506771	1
4	Ingersoll Rand, Light Carts	L6MH	325900UKL822, 325903UKL822, 325920UKL822, 325922UKL822, 325923UKL822, 325924UKL822, 346262UKL822	7
5	Ingersoll - Rand Air Compressor	P90	SCZ726XXX5Y106394	1
6	Voltmaster Light Carts	VI3000	C205GETI150600460 C205GETI150600461	2

ATTACHMENT J-1700000-04
SHUTTLE BUS SCHEDULE

CSL BUS SCHEDULE

0500 DEPARTS CSL	0510 ARRIVES QI	0515 DEPARTS QI	0530 ARRIVES CSL
0535 DEPARTS CSL	0545 ARRIVES QI	0550 DEPARTS QI	0605 ARRIVES CSL
0610 DEPARTS CSL	0620 ARRIVES QI	0625 DEPARTS QI	0640 ARRIVES CSL
0645 DEPARTS CSL	0655 ARRIVES QI	0700 DEPARTS QI	0715 ARRIVES CSL
DRIVERS SHIFT CHANGE	DRIVERS SHIFT CHANGE	DRIVERS SHIFT CHANGE	DRIVERS SHIFT CHANGE
0735 DEPARTS CSL	0745 ARRIVES QI	0750 DEPARTS QI	0805 ARRIVES CSL
0810 DEPARTS CSL	0820 ARRIVES QI	0825 DEPARTS QI	0840 ARRIVES CSL
0845 DEPARTS CSL	0855 ARRIVES QI	0900 DEPARTS QI	0915 ARRIVES CSL
0920 DEPARTS CSL	0930 ARRIVES QI	0930 DEPARTS QI	0945 ARRIVES CSL
UPON REQUEST 0945- 1215	UPON REQUEST 0945-1215	UPON REQUEST 0945-1215	UPON REQUEST 0945-1215
1215 DEPARTS CSL	1225 ARRIVES QI	1230 DEPARTS QI	1245 ARRIVES CSL
UPON REQUEST 1300- 1715	UPON REQUEST 1300-1715	UPON REQUEST 1300-1715	UPON REQUEST 1300-1715
1735 DEPARTS CSL	1745 ARRIVES QI	1750 DEPARTS QI	1805 ARRIVES CSL
1810 DEPARTS CSL	1820 ARRIVES QI	1825 DEPARTS QI	1840 ARRIVES CSL
1845 DEPARTS CSL	1855 ARRIVES QI	1900 DEPARTS QI	1915 ARRIVES CSL
DRIVERS SHIFT CHANGE	DRIVERS SHIFT CHANGE	DRIVERS SHIFT CHANGE	DRIVERS SHIFT CHANGE
1935 DEPARTS CSL	1945 ARRIVES QI	1950 DEPARTS QI	2005 ARRIVES CSL
2010 DEPARTS CSL	2020 ARRIVES QI	2025 DEPARTS QI	2040 ARRIVES CSL
UPON REQUEST 2110- 0440	UPON REQUEST 2110-0440	UPON REQUEST 2110-0440	UPON REQUEST 2110-0440

****READY CREW AS REQUIRED****

*Yellow indicates Special Trip if required.

ATTACHMENT J-1700000-05
RESPONSE FIRE SUPPRESSION TRUCK/SYSTEM SPECIFICATIONS

Specifications:

Type: QA400TM

Truck Number: 15-393

Tank: UPF 400 gallons water / 10 foam

Pump: Hale HPX300-KBD24 w/ 24HP Kubota Diesel Engine

Truck Body: 9.2' Extruded Aluminum Fire Body w/ 2' Walkway

Chassis: Ford F-550 4x4 Reg Cab

Additional Features:

Foam Pro 1600 foam system

Ramsey Portable Winch w/ front and rear hookups

FRC 12V Scene Lights

Full replacement front bumper with TFT Tornado remote controlled front monitor and Ground Sweeps

Hannay Booster Reel w/ 200' lightweight hose

FireCom wireless headset system

Code 3 LED warning light package

In Cab Fire Pump Controls

Tft Quadrafog Nozzle