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ATTACHMENT J-1503020-01
DEFINITIONS AND ACRONYMS

DEFINITION/ ACRONYM	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 EPA, followed by formal certification by DoD or a state.
Change of Occupancy Service (COS)	A service performed during the period of time after a resident checks out of assigned quarters and prior to a new resident taking occupancy ensuring the quarters are clean, fully equipped, operable and habitable.
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.
Larvicide	Bacterial insecticide that is specifically targeted against the larval life state of an insect. Commonly used against mosquitoes, it targets larvae in the breeding habitat before they can mature into adult mosquitoes and disperse. Larvicide treatment of breeding habitats help reduce the adult mosquito population in nearby areas.
Safety Data Sheet (SDS)	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, feral animals, 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.

ATTACHMENT J-1503020-01
DEFINITIONS AND ACRONYMS (cont'd)

DEFINITION/ ACRONYM	DESCRIPTION
Pest Control Performance Assessment Representative (PCPAR)	A DoD employee trained in pest management, who protects the government's interest through on-site performance assessment (PA) of commercial pest management contracts or other contracts that involve the use of pesticides.
Pest Management	The prevention and control of disease vectors and pests that may adversely affect the DoD mission or military operations; the health and wellbeing of people; or structures, material, or property.
Professional Pest Management Consultant (PPMC)	A professional, with a degree in a biological science, who has rigorous college-level entomology training, such as a NAVFACENGCOC civilian entomologist (applied biologist) or Bureau of Medicine and Surgery (BUMED) commissioned medical entomologist who has command program oversight responsibilities and provides guidance and information on the management of pest management programs for commands and installations.
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, defoliants, desiccants, disinfectants, anti-fouling paints, and biocides (such as water treatment chemicals). NAVFACENGCOC pest management consultants do not approve disinfectants or biocides.
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 wellbeing 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 service order.

ATTACHMENT J-1503020-02
USER GUIDE FOR PLANNED PESTICIDE USE SHEET AND
PEST MANAGEMENT OPERATIONS REPORT

This is the User Guide for completing the Planned Pesticide Use Sheet and the Field Pest Management Record Form that contains:

- (1) User Guide for Planned Pesticide Use Sheet
- (2) A blank "Planned Pesticide Use Sheet"
- (3) User Guide for Field Pest Management Record Form
- (4) A blank "Pest Management Operations Report"
- (5) A "List of Acceptable Terms"

The "Planned Pesticide Use Sheet" shall be included as part of the Contractor's Work Plan (CWP) for Pest Control. One "Planned Pesticide Use Sheet" should be filled out for each pesticide that the contractor will use to control pests. A new "Planned Pesticide Use Sheet" should be filled out and emailed to the PAR whenever the contractor wants to use a pesticide that is not on the Pesticide Authorized Use List.

The contractor can fill out the "Planned Pesticide Use Sheet" or "Pest Management Operations Report" online if the NAVFAC Online Pesticide Reporting System (NOPRS) is used. The information on NOPRS corresponds to the information the forms. The link to NOPRS is: <https://clients.emainc.com/PestManagementNET/PesticideLogon.aspx>. The Contractor can contact the PAR to obtain a password and instructions from NAVFAC Applied Biology to use the system.

ATTACHMENT J-1503020-02
USER GUIDE FOR PLANNED PESTICIDE USE SHEET

INSTRUCTIONS for filling out each line of information required on the “Planned Pesticide Use Sheet”

1. INSTALLATION - Identifies the installation where the pesticide will be applied.
2. APPLICATOR - Identifies the individual(s) who will be applying the pesticide.
3. OBJECTIVE
 - A. TARGET PEST - The pest or pests that you are trying to control. Choose the proper pest or pest category from the “List of Acceptable Terms”.
 - B. PURPOSE - What is(are) the major reason(s) for controlling the pest(s)? Refer to the “List of Acceptable Terms”.
4. PESTICIDE
 - A. TRADE NAME - The name that the manufacturer has given to the product. For example, Termidor™ and Maxforce™ are both trade names for fipronil.
 - B. EPA REGISTRATION NUMBER - Usually found on the front of the label.
 - C. FORMULATION - The form that the pesticide is in while in the container. Refer to the “List of Acceptable Terms”.
 - D. ACTIVE INGREDIENT(S) - The chemical(s) that kills, controls, or repels the pest and is listed on the front of the label.
 - D. % ACTIVE INGREDIENT OR LBS ACTIVE INGREDIENT PER GALLON - % active ingredients is included for solid and aerosol formulations. It is found beside the ingredients on the label. Pounds of active ingredient per gallon is included for liquid formulations. It is usually found under the ingredients on the label. If not listed on the label, enter the % active ingredient instead (see above).
 - F. PESTICIDE TYPE - What target pests does the pesticide kill? If it kills plants, it is an herbicide. Refer to the “List of Acceptable Terms”.
 - G. SIGNAL WORD - Does the label say “Caution,” “Warning,” “Danger,” or “Danger-Poison”?
 - H. RESTRICTED USE - Does the front of the pesticide label say “Restricted Use”?
5. APPLICATION SITE - The specific site where the pesticide will be applied. Refer to the “List of Acceptable Terms”.
6. SENSITIVE AREAS - Areas that should be avoided or where special caution should be taken. Refer to the “Caution and Warning” statements on the label.
7. INSPECTION METHODS - The method and frequency of inspections. For example, a cockroach inspection may include the monthly use of a flashlight, a flushing agent and cockroach sticky traps, or an inspection for mole crickets on the golf course may include a walk-through evaluation every 3 days.
8. OTHER CONTROLS - Other pesticides or methods of control that are used to control the particular pest. Other methods can include biological control, mechanical control, etc., as well as preventive measures.
9. REMARKS - Any additional information that needs to be included. If a general pest category has been listed under Target Pest, the specific pests should be listed here.
10. WEATHER CONDITIONS - Review of forecast weather conditions (rain, extreme wind, etc.) should be performed and considered prior to applying outdoor pesticides

ATTACHMENT J-1503020-02
PLANNED PESTICIDE USE SHEET

INSTALLATION NAME: _____

APPLICATOR: _____

TARGET PEST: _____

PURPOSE: _____

PESTICIDE TRADE NAME: _____

EPA REG NO: _____

FORMULATION: _____

ACTIVE INGREDIENT(S):
% ACTIVE INGREDIENT (FOR SOLID FORMULATIONS AND AEROSOLS) OR LBS ACTIVE
INGREDIENT PER GALLON (FOR LIQUID FORMULATIONS): _____

PESTICIDE TYPE: _____

SIGNAL WORD: _____

RESTRICTED USE PESTICIDE: YES OR NO

SITE: _____

SENSITIVE AREAS: _____

INSPECTION METHOD(S): _____

OTHER CONTROLS: _____

FORECAST WEATHER CONDITIONS: _____

REMARKS: _____

ATTACHMENT J-1503020-02
USER GUIDE FOR PEST MANAGEMENT OPERATIONS REPORT

INSTRUCTIONS for filling out the “Pest Management Operations Report”

1. INSTALLATION - Identifies the installation where the pesticide will be applied.
2. APPLICATOR: Identifies the individual(s) who will be applying the pesticide.
3. LOCATION:
 - A. INSIDE OR OUTSIDE - Indoor or outdoor application.
 - B. FACILITY NAME AND/OR BUILDING # - If there is no name or number, describe area.
4. OPERATION - The type of pest control operation. Refer to the “List of Acceptable Terms.”
5. SITE - The specific site that the pesticide will be applied to. Refer to the “List of Acceptable Terms.”
6. TARGET PEST - The pest or pests that you are trying to control. Choose the proper pest or pest category from the “List of Acceptable Terms”.
7. PESTICIDE
 - A. TRADE NAME - The name that the manufacturer has given to the product. For example, Termidor™ and Maxforce™ are both trade names for a product with the active ingredient fipronil.
 - B. ACTIVE INGREDIENT(S) - The chemical(s) that kills, controls, or repels the pest and is listed on the front of the label.
 - C. EPA REGISTRATION NUMBER - Usually found on the front of the label.
 - D. FORMULATION - The form that the pesticide is in while in the container. Refer to the “List of Acceptable Terms”.
 - E. AREA TREATED - Total acres, square feet, linear feet, etc., if known.
 - F. QUANTITY OF UNDILUTED PRODUCT - Amount that was applied from the pesticide container.
 - G. WEIGHT FOR BAITS, BRIQUETS, AND STATIONS - Add weight and unit (often found on container).
 - H. QUANTITY DILUTENT - The liquid that is used to dilute the pesticide (e.g. water, oil, etc.). If it is undiluted, put "None".
7. COMMENTS - Any additional information that needs to be included. Can include surveillance or non-chemical control data.

ATTACHMENT J-1503020-02
PEST MANAGEMENT OPERATIONS REPORT

The Contractor will complete a **Pest Management Operations Report** after each pest management operation and submit copies to the PAR within 5 days, or enter records via the NAVFAC Online Pesticide Reporting System (NOPRS). The original records shall either be maintained on file for the length of the contract or entered into the online reporting system. Retention of records is not required if the records are entered into the online system. Refer to the "User Guide for Pest Management Operations Report" for instructions on how to fill out this form. Refer to the List of Acceptable Terms, which provides choices to answer the below entries that are in all capital letters.

Instructions: Fill out a separate form for each pest management operation.

Installation: _____

1. **Date of Operation:** _____

2. **Applicator's Name:** _____

3. **Location:** 2a. **Inside** or **Outside** (circle one)

2b. **Facility name and/or building #:** _____

4. **Type of Pest Control Operation (OPERATION):** _____

5. **Site Description (SITE):** _____

6. **Pest (TARGET PEST):** _____

7. **Pesticide Used** (if any):

7a. **Pesticide Trade Name:** _____

7b. **Pesticide Active Ingredient(s):** _____

7c. **EPA or Country Registration #:** _____

7d. **Formulation (FORMULATION):** _____

7e. **Area Treated:** _____

7f. **Quantity of undiluted product applied (with units):** _____

7g. **For bait blocks or stations, briquets, or packets, add weight of one:** _____

7h. **Quantity of dilutant (water, oil) applied (if needed):** _____

9. **Comments:** (Use extra paper if required) _____

ATTACHMENT J-1503020-02
LIST OF ACCEPTABLE TERMS

<u>FORMULATION</u>	<u>FORMULATION</u>	<u>FORMULATION</u>
AEROSOL	DRY FLOWABLE	SOLUTION
BAIT - LIQUID	DUST	PEST STRIPS
BAIT - SOLID	EMULSION	SOLUBLE POWDER
BAIT BLOCKS	ENCAPSULATION	SUSPENSION CONCENTRATE
BAIT PACKS	FUMIGANT – LIQUID	TABLETS
BAIT STATIONS	FUMIGANT - SOLID	TRACKING POWDER
BRIQUETS	GEL	ULV CONCENTRATE
CONCENTRATE	GRANULES/PELLETS	WETTABLE POWDER
DISPERSIBLE GRANULES	PASTE/GLUE	
<u>PESTICIDE TYPE</u>	<u>PESTICIDE TYPE</u>	<u>PESTICIDE TYPE</u>
ALGAECIDE/FUNGICIDE	FUNGICIDE	PLANT GROWTH REGULATOR
ALGAECIDE	HERBICIDE	REPELLENT
AVICIDE	INSECT GROWTH REGULATOR	REPELLENT, BIRD
BACTERIOCIDE	INSECTICIDE	REPELLENT, SNAKE
DYE, WATER	INSECTICIDE/FUNGICIDE	RODENTICIDE
FUMIGANT	NEMATOCIDE	WOOD PRESERVATIVE
<u>PURPOSE</u>	<u>PURPOSE</u>	<u>PURPOSE</u>
AGRICULTURE	INVASIVE SPECIES CONTROL	PROTECT ORNAMENTAL PLANTS
APPEARANCE	LAWN/TURF DAMAGE	SECURITY
APPEARANCE/DRAINAGE	LAWN/TURF PESTS	STING PREVENTION
BARE GROUND	LAWN/TURF PROTECTION	SURVEILLANCE
BARE GROUND/SECURITY	MAINTENANCE	WEED CONTROL
DECREASE MOWING	NUISANCE	WILD LIFE MANAGEMENT
DRAINAGE	NUISANCE/HEALTH	
HEALTH PROTECTION	PREVENT STRUCTURAL DAMAGE	
<u>OPERATION</u>	<u>OPERATION</u>	<u>OPERATION</u>
ADMINISTRATION	FOG/ULV	MECHANICAL/MANUAL CONTROL
AERIAL PESTICIDE APPLICATION	FUMIGATION	OTHER, NON-CHEMICAL CONTROL
BAITING	FUNGICIDING	POWER PESTICIDE APPLICATION
BIOLOGICAL CONTROL	HERBICIDING	SELF-HELP
BIOCONTROL – NO PESTICIDE	LARVICIDING	SERVICE TRAP/BAIT STATION
EQUIPMENT MAINTENANCE	MANUAL PESTICIDE APPLICATION	SURVEILLANCE
FERTILIZER/PESTICIDE COMBO		
<u>SENSITIVE AREAS</u>	<u>SENSITIVE AREAS</u>	<u>SENSITIVE AREAS</u>
AGRICULTURAL CROPS	CDC/SCHOOLS	FOOD SERVICE AREAS
AQUATIC	CRITICAL HABITAT	HOSPITAL/CLINIC
BEE HIVES	ENDANGERED SPECIES HABITAT	WETLANDS

ATTACHMENT J-1503020-02
LIST OF ACCEPTABLE TERMS (cont'd)

<u>SITE</u>	<u>SITE</u>	<u>SITE</u>
AG OUTLEASE	GOLF COURSE AREAS	PIERS/WATERFRONT SITES
AQUATIC SITES	GREENHOUSES/NURSERIES	RECREATION FACILITY
BARRACKS	HANGARS	RIGHT-OF-WAY
BUILDING EXTERIORS	HOSPITAL/CLINIC	SCHOOLS
BUILDING INTERIORS	IMPROVED GROUNDS	SEMI-IMPROVED GROUNDS
BUILDINGS	INDUSTRIAL AREAS	SEWERS/STORM DRAINS
CHILD DEVELOPMENT CENTER	LANDFILLS/REFUSE	SIDEWALKS/PARKING
DITCHES	MAGAZINES/BUNKERS	TREES/FORESTS
DUMPSTERS	MATERIAL STORAGE YARDS	TURF/LAWNS
ELECTRICAL BOXES/EQUIP.	OFFICE/ADMINISTRATIVE AREAS	UNIMPROVED GROUNDS
FAMILY HOUSING	ORNAMENTAL/GARDENS	VESSELS/BARGES/AIRCRAFTS/ VANS
FENCELINES	OUTDOOR AREAS	WAREHOUSES-NONFOOD
FOOD STORAGE/ HANDLING AREAS		
<u>TARGET PEST</u>	<u>TARGET PEST</u>	<u>TARGET PEST</u>
ALGAE/AQUATIC WEEDS	FIRE ANTS	MOSQUITOES – LARVAL/PUPAL
ALL PESTS	FISH	NEMATODES
ANTS, NUISANCE	FLEAS	OPOSSUMS
APHIDS	FOX	OTHER PESTS
BATS	GOPHERS	PILLBUGS & SOWBUGS
BEDBUGS	GRASSES	RACCOONS
BIRDS	GROUND BEETLES	RATS
BROADLEAF WEEDS	GROUND SQUIRRELS	SCALE INSECTS
CARPENTER ANTS	GROUNDHOGS	SCORPIONS
CARPENTER BEES	GYPSY MOTHS	SILVERFISH
CATERPILLARS	HORSE/DEER FLIES	SNAKES
CATS	HOUSE/FILTH FLIES	SPIDERS
CENTIPEDES & MILLIPEDES	JAPANESE BEETLES	SQUIRRELS
COCKROACHES	LICE	STORED PRODUCT PESTS
CRICKETS	LIZARDS	SUBTERRANEAN TERMITES
DARKLING BEETLES	MICE	TICKS, CHIGGERS, & MITES
DECAY FUNGI	MIDGES, BLACK & SAND FLIES	TURF/ORNAMENTAL INSECTS
DISEASES OF ORN & TURF	MITES	VERTEBRATES, MISC
DOGS	MIXED GRASSES & WEEDS	WASPS, BEES, & HORNETS
DRYWOOD TERMITES	MOLE CRICKETS	WOOD BORING BEETLES
EARWIGS	MOLES	WOODY VEGETATION
FILTER & DRAIN FLIES	MOSQUITOES – ADULT	

ATTACHMENT J-1503020-02
LIST OF ACCEPTABLE TERMS (cont'd)

<u>AREA</u>	
A	ACRE
CF	CUBIC FEET
CM	CUBIC METER
EA	EACH - FOR BAITING ONLY
LF	LINEAR FEET
LM	LINEAR METER
SF	SQUARE FEET
CF	CUBIC FEET
<u>QUANTITY</u>	
LIQUIDS	
FL OZ	FLUID OUNCE
QT	QUARTS
PT	PINTS
GAL	GALLON
L	LITER
ML	MILLILITER
SOLIDS	
OZ	DRY OUNCE
G	GRAM
LB	POUND
BB	BAIT BLOCK(S)
BS	BAIT STATION(S)
BQ	BRIQUET(S)
PK	PACKET(S)

ATTACHMENT J-1503020-03
REFERENCES AND TECHNICAL DOCUMENTS

The Contractor shall adhere to the applicable portions of the following publications and directives in performing the services required under this contract. This list shall not be considered all-inclusive and does not release the Contractor from all obligations that must be fulfilled in the observance and execution of this contract.

When U.S., European and/or Italian directives, instructions and industry standards are applicable to the work to be performed under this contract, the most stringent directives, instructions and industry standards shall govern.

- NSA Naples Integrated Pest Management Plan (IPMP)
- Italian Government Regulations: Italian regulations for certifications of Pest Control Operations: 2nd Edition Revised 1 July 1957 and its modifications and additions
- DL 152/2006 Norme in materia ambientale
- Final Governing Standards for Italy, Chapter 11: Pesticides
- OPNAV Instruction 6250.4 (series), Applied Biology Program Services, Training, and Reporting Requirements
- Armed Forces Pest Management Board TG No. 11, Hydrogen Phosphide Fumigation of Subsistence with Aluminum 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
- 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

ATTACHMENT J-1503020-04
NSA NAPLES INTEGRATED PEST MANAGEMENT PLAN (IPMP)

NSA Naples Integrated Pest Management Plan (IPMP) is provided in a separate attachment. Refer to PDF file “J-1503020-04 NSA Naples IPMP”.

ATTACHMENT J-1503020-05
COMMON OUTPUT LEVEL STANDARDS

The table below applies to all Region facilities/spaces listed in the Frequencies for Scheduled Work provided in J-1503020-07. The Contractor shall price work requirements as detailed per COL3 Base Measures Level in the corresponding ELIN listed in J-0200000-10.

COL3	<p>Mission Impact Pests¹ – Routine surveillance and treatment is conducted in accordance with the Installation IPMP.</p> <p>Structure Damaging and Disease Vector or Health Pests – Routine surveillance and treatment is conducted in accordance with the Installation IPMP.</p> <p>Lawn Turf and Ornamental Plant Pests – No surveillance in any grounds areas and treatment in prestige areas is conducted in response to customer complaints only. No treatment in improved grounds areas.</p> <p>Nuisance Pests² – Routine surveillance and treatment conducted in accordance with the Installation IPMP is limited to Child and Youth Program facilities, food handling and dining facilities, and administrative areas. No surveillance in operational areas. Treatment of operational areas is conducted in response to customer complaints only.</p> <p>Vegetation control – Routine maintenance performed only for fencelines, fire breaks, and roadway clearances. Vegetation control as necessary to prevent damage to paved surfaces shall be ordered as IDIQ work.</p>
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Note 1: Mission impact pests are indicated on the Frequencies for Scheduled Work provided in J-1503020-07.

Note 2: All Vertebrate pests are treated as Nuisance Pests unless otherwise specified.

ATTACHMENT J-1503020-06
GUIDANCE FOR CONTRACTOR'S WORK PLAN (CWP)

The CWP shall adhere to applicable publications and directives contained in J-1503020-03 (References and Technical Documents). The CWP will require approval by the Contracting Officer (KO). The CWP shall establish the strategy and methods for conducting a safe, effective, and environmentally sound pest management program in compliance with these specifications. Prospective contractors may review the installation's historical records of pest activity and abatement actions, survey facilities and grounds, and consult with the Installation IPMC in development of a plan. The CWP shall address continuous monitoring, pest response and removal procedures, record keeping, warranties, education and communication to installation personnel to prevent pests and disease vectors, bird control on applicable airfields and in hangars, etc. The IPM approach should use targeted (i.e., effective, environmentally sound) methods including habitat/facility modification, biological/genetic/cultural control, mechanical/physical control, and where necessary, the judicious use of least hazardous pesticides. The CWP shall include labels, SDS sheets, and Planned Pesticide Use Sheets and comply with all applicable Italian laws and local, state, and Federal regulations, and the IPMP.

ATTACHMENT J-1503020-07
FREQUENCIES FOR SCHEDULED WORK

The following buildings shall be surveyed on the specified frequencies and treated as indicated on the pest group sheets:

Funding Activity: REGION					
Location	Facility No.	Approx. Area (m²)	Facility Description	Mission Impact Pests	COL3 Frequency
Gaeta	707	325	Food Handling/Dining Area	N/A	Bi-Weekly
	751	11	Food Handling/Dining Area/Break Room	N/A	Bi-Weekly
	752	83	Food Handling/Dining Area	N/A	Bi-Weekly
Capo di chino	403	50	Food Handling/Dining Area – Fire Kitchen/Day Room	Cockroaches, rodents, ants & general nuisance arthropods	Bi-Weekly
	412	100	Food Handling/Dining Area – Alisud Mess	N/A	Bi-Weekly
	443	60	Food Handling/Dining Area – Coffee Bar	N/A	Bi-Weekly
	448	2000	Food Handling/Dining Area – Ciao Hall	N/A	Bi-Weekly
	452	700	Food Handling/Dining Area – NEX Mini Mart	N/A	Bi-Weekly
		50	Food Handling/Dining Area – Subway	N/A	Bi-Weekly
		100	Food Handling/Dining Area – Caffè Napoli	N/A	Bi-Weekly
	453	100	Food Handling/Dining Area – BOQ Breakfast Area	N/A	Bi-Weekly
	458	40	Food Handling/Dining Area – CDC Kitchen	N/A	Bi-Weekly
		1600	CYP – CDC Compound	N/A	Bi-Weekly
Carney Park	500	200	Food Handling/Dining Area – NEX Mini Mart	N/A	Bi-Weekly ¹
	514	300	Food Handling/Dining Area – NOR Center	N/A	Bi-Weekly
	529	200	Food Handling/Dining Area – Pool Gazebo	N/A	Bi-Weekly ¹
	551	600	Food Handling/Dining Area – Club House	N/A	Bi-Weekly
Mt. Camaldoli	101	100	Food Handling/Dining Area – Telecom Station Facility	N/A	Monthly
Gricignano Support Site	2065	9085 (Entire Facility Area)	Food Handling/Dining Area – CDC Kitchen	Cockroaches, rodents, ants & general nuisance arthropods	Bi-Weekly
	2071	43	Food Handling/Dining Area – Fire Department Kitchen	N/A	Bi-Weekly

ATTACHMENT J-1503020-07
FREQUENCIES FOR SCHEDULED WORK

	2072 East	197	Food Handling/Dining Area – Chapel Fellowship & Community Center	Cockroaches, rodents, ants & general nuisance arthropods	Bi-Weekly
	2072 East	1177 (Entire Facility Area)	Food Handling/Dining Area – Youth & Teen Center Kitchen	Cockroaches, rodents, ants & general nuisance arthropods	Bi-Weekly
	2076 MWR	20	Food Handling/Dining Area – MWR Auto Hobby Shop	N/A	Bi-Weekly
	2078 MWR	39	Food Handling/Dining Area – MWR Warehouse	N/A	Bi-Weekly
	2090 MWR	304	Food Handling/Dining Area – MWR Bowling Alley	Cockroaches, rodents, ants & general nuisance arthropods	Bi-Weekly

Funding Activity: BUMED

Location	Facility No.	Approx. Area (m ²)	Facility Description	Mission Impact Pests	Frequency
Gricignano Support Site	2082 (Hospital)	800	Food Handling/Dining Area – Hospital Mess	N/A	Bi-Weekly

Funding Activity: DODDS

Location	Facility No.	Approx. Area (m ²)	Facility Description	Mission Impact Pests	Frequency
Gricignano Support Site	2059 DoDDS	860	Food Handling/Dining Area – Cafeteria	Cockroaches, rodents, ants & general nuisance arthropod	Bi-Weekly

Funding Activity: NEX

Location	Facility No.	Approx. Area (m ²)	Facility Description	Mission Impact Pests	Frequency
Gricignano Support Site	2072 West NEX	785 (Entire Area)	Food Handling/Dining Area – Bambusa Kitchen, Restaurant & Coffee Bar	Cockroaches, rodents, ants & general nuisance arthropods	Bi-Weekly
	2091 NEX	1503	Food Handling/Dining Area – NEX Food Court	Cockroaches, rodents, ants & general nuisance arthropods	Bi-Weekly

Note 1: These areas shall receive scheduled services from 1 May through 30 September only.

ATTACHMENT J-1503020-07
FREQUENCIES FOR SCHEDULED WORK (cont'd)

LAWN, TURF AND ORNAMENTAL PLANT PEST

The following areas shall be surveyed on the specified frequencies and treated with herbicide or as indicated on the pest group sheets:

Funding Activity: BUMED					
Location	Facility No.	Approx. Area (m²)	Type	Mission Impact Pests	Frequency
Gricignano Support Site	Bldg 2082 (Hospital) and Bldg 2086 (Central Energy)	9,500	Lawn, Turf and Ornamental Plant	N/A	Quarterly

Lawn, Turf and Ornamental Plant Pest Control services for REGION funded areas will be ordered under the Non-Recurring portion of this contract.

ATTACHMENT J-1503020-07
FREQUENCIES FOR SCHEDULED WORK (cont'd)

VEGETATION MANAGEMENT - SURFACE AREA VEGETATION CONTROL

The following areas shall be surveyed on the specified frequencies and treated with herbicide or as indicated on the pest group sheets:

Funding Activity: BUMED				
Location	Fac/Bldg/Area	Approx. Area (m²)	Type	Frequency
Support Site Gricignano	BUMED paved Areas at Bldg 2082 (Hospital) and Bldg 2086 (Central Energy)	15,000	Roadways, Sidewalks and Parking Lots to include all paved areas	Twice a month from April through September

Surface Area Vegetation Control services for REGION funded areas will be ordered under the Non-Recurring portion of this contract.

Vegetation Management Weed Control services (including perimeter fenceline vegetation control) for both Region and Non-Region funded areas will be provided under Technical Specification 1503050 Grounds Maintenance and Landscaping.

ATTACHMENT J-1503020-08
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-1503020-08
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-1503020-09
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).
013	Childcare Facilities/Sensitive Areas Pest Control (Includes: Schools, Hospital, Veterinary Clinic and Kennels, Child Development Center, Youth Activities Center)	Control all nuisance arthropod pests (including, but not limited to), cockroaches, ants, silverfish, spiders, crickets, flies, centipedes, box elder bugs, mites, bees, wasps, other venomous arthropods, AND all species of rodents in areas where children frequent including child care, schools, day care, nurseries and other locations as designated.
014	Filth Fly Control	Prevent and control filth flies including house flies, flesh flies, bottle flies, blow flies, fruit flies, drain 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.
017	Tick Survey and Control Outdoors	Survey for and control of ticks outdoors.
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-1503020-09
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
008	Adult Mosquito Control	24 hrs	N/A	N/A	ULV application performed as per specifications	7, 9
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, 6
012	Bee, Wasp, Hornet, and Stinging Arthropod Control	4 hrs	24 hrs (stinging hazard) 2 days (nest removal)	28 days	100% control	2, 4
013	Childcare Facilities/Sensitive Areas Pest Control	2 days; Same day (venomous)	Varies ⁸	28 days	100% control	1, 2, 3, 4, 5, 6

⁴ After notification

⁵ After first control action

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

⁷ As determined by the Government

⁸ Indoors: Occasional Arthropod Invaders – same visit; Rats/Mice – 10 days; Cockroaches/Ants – 10 days; Arthropods/Rodents in “Adjacent Areas” – 7 days; Outdoor Play Yard: Ants – 7 days; Small Venomous Arthropods – same day; Outdoor/Non-Play Yard: All Pests – In accordance with applicable “Pest Group” part of contract except that venomous arthropods must be controlled in two calendar days

ATTACHMENT J-1503020-09
DISEASE VECTOR OR HEALTH PEST REQUIREMENTS (cont'd)

PERFORMANCE STANDARDS						
Pest Group Number	Pest Group Name	Time Period to Respond ⁹	Time Period to Obtain Control ¹⁰	Time Period to Maintain Control	Level of Control ¹¹	Notes See Below
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
015	Larval and Pupal Mosquito Control	24 hrs	7 days	30 days	10 larvae per dip	10
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
017	Tick Survey and Control Outdoors	3 days	3 days	28 days	Retreatment required if: Improved areas: 3 or more ticks seen or 3 customer complaints Semi-Improved Area or Unimproved Area: 10 or more ticks by survey, 3 customer complaints, or 3 ticks seen	6
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

⁹ After notification

¹⁰ After first control action

¹¹ Based on performance assessment (i.e. surveys, customer complaints)

ATTACHMENT J-1503020-09
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 - Pesticide applications shall not be made during hours of operations or when children are present at schools, child development centers, and youth activity centers.
- 6 - Coordinate with residents/building personnel on specific treatment and re-entry times.
- 7 - 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.
- 8 - Aerial applications of pesticides require validation and approval by a pest management consultant.
- 9 - The adulticide is applied at maximum label rate for the adulticide used.
- 10 - 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.

ATTACHMENT J-1503020-09
DISEASE VECTOR OR HEALTH PEST REQUIREMENTS (cont'd)

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: Performed by installation Preventive Medicine.

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: Consul installation Preventive Medicine.

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.

ATTACHMENT J-1503020-09
DISEASE VECTOR OR HEALTH PEST REQUIREMENTS (cont'd)

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 KO.

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-1503020-10
LAWN TURF AND ORNAMENTAL PLANT PEST REQUIREMENTS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>General Requirements</u>
022	Turf and Ornamental Pest Control	Control arthropod pests in turf and on ornamental plantings.

PERFORMANCE STANDARDS						
<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>Time Period to Respond¹²</u>	<u>Time Period to Obtain Control¹³</u>	<u>Time Period to Maintain Control</u>	<u>Level of Control¹⁴</u>	<u>Notes See Below</u>
022	Turf and Ornamental Pest Control	5 days	7 days	60 days	No turf pests after 1 week Retreatment required if: - 3 or more leaf feeding arthropods on 20 leaves surveyed, OR - 3 or more bagworms on 20 evergreen branches surveyed, OR - 3 or more scale insects on 5 tree branches surveyed, OR - 3 or more scale insects on 6 ornamental branches surveyed, OR - Defoliation of 10% or more of the plant compared to a previous observed status, OR - General, noticeable physical decline of a plant that is caused by a pest, disease, or other damaging biotic agent.	1, 2, 3

¹² After notification

¹³ After first control action

¹⁴ Based on performance assessment (i.e. surveys, customer complaints)

ATTACHMENT J-1503020-10
LAWN TURF AND ORNAMENTAL PLANT PEST REQUIREMENTS (cont'd)

NOTES:

1 - Report conditions conducive to pest infestation to the 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.

ATTACHMENT J-1503020-11
VEGETATION MANAGEMENT REQUIREMENTS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>General Requirements</u>
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 Respond¹⁵</u>	<u>Time Period to Obtain Control¹⁶</u>	<u>Time Period to Maintain Control</u>	<u>Level of Control¹⁷</u>	<u>Notes See Below</u>
024	Industrial, Sidewalk, Substation, Vault, and Right-Of-Way Weed Control	5 days	14 days	Season long	100% control	3
025	Turf and Ornamental Bed Weed Control	7 days	21 days	Season long	More than 4 weed plants per ornamental bed or 149 m 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.
- 4 - 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.

¹⁵ After notification

¹⁶ After first control action

¹⁷ Based on performance assessment (i.e. surveys, customer complaints)

ATTACHMENT J-1503020-12
VERTEBRATE PEST REQUIREMENTS

<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>General Requirements</u>
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 and appropriate disposal of dead animals in accordance with Italian laws and regulations.
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 aircraft operation areas.
029	Pest Vertebrate Control	Control pest vertebrate animals including, but not limited to, feral animals, squirrels, skunks, snakes, opossums, raccoons, and mongoose. Comply with Italian laws and regulations and Department of Defense and Department of Navy policy.

ATTACHMENT J-1503020-12
VERTEBRATE PEST REQUIREMENTS (cont'd)

PERFORMANCE STANDARDS						
<u>Pest Group Number</u>	<u>Pest Group Name</u>	<u>Time Period to Respond¹⁸</u>	<u>Time Period to Obtain Control¹⁹</u>	<u>Time Period to Maintain Control</u>	<u>Level of Control²⁰</u>	<u>Notes See Below</u>
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 ²¹	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

¹⁸ After notification

¹⁹ After first control action

²⁰ Based on performance assessment (i.e. surveys, customer complaints)

²¹ General Bird Control: 3 working days, 1 day in occupied spaces; BASH: 24 hours; BASH Emergency Call (Mission affected): Immediately

ATTACHMENT J-1503020-12
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 Animals: Humane capture of feral animals must comply with Italian laws and regulations and Department of Defense and Department of Navy policy.
- 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.

ATTACHMENT J-1503020-13
HISTORICAL INFORMATION FOR PEST CONTROL SERVICE ORDERS

**No. of Performed Pest Control Service Orders by FY
(FY13-FY15)**

Funding Activity	FY13	FY14	FY15
REGION	132	146	148
BUMED	3	13	5
DODDS	24	23	26
HOUSING	3	1	3
NEX	12	14	15