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ATTACHMENT J-1502000-01
DEFINITIONS AND ACRONYMS

DEFINITION	DESCRIPTION
CRANE, CATEGORY 1	Portal cranes, Hammerhead cranes, Locomotive cranes, Derricks, Floating cranes (YD), Tower cranes, Container cranes, Mobile cranes (except those indicated as category 4), including truck, cruiser, crawler, warehouse/industrial cranes, and cranes used for dragline, pile driving, clamshell, magnet, bucket work, and Aircraft crash cranes.
CRANE, CATEGORY 2 & 3	Cranes with rated capacities of 20,000 pounds or greater are category 2. Examples are Overhead traveling cranes, Gantry cranes (rail mounted), Wall cranes, Jib cranes, Pillar cranes, Pillar jib cranes, Monorails and associated hoists, Fixed hoists, including chain falls. Pedestal mounted commercial boom assemblies (fixed length, telescoping, and articulating types) attached to stake trucks, trailers, flatbeds, or railcars, or stationary mounted to piers, etc., with OEM rated capacities less than 2,000 pounds.
CRANE, CATEGORY 4	Commercial truck mounted cranes, Truck mounted articulating boom cranes, Pedestal mounted commercial boom assemblies (fixed length, telescoping, and articulating types) attached to stake trucks, trailers, flatbeds, or railcars, or stationary mounted to piers, etc., with OEM rated capacities of 2,000 pounds and greater. Commercial truck mounted cranes and truck mounted articulating boom cranes with OEM capacities of 2,000 pounds and greater require a licensed operator even if the cranes are down rated below 2,000 pounds capacity for administrative purposes.
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.
FACILITIES MAINTENANCE MANAGEMENT	The planning, prioritizing, organizing, controlling, reporting, evaluating, and adjusting of facilities maintenance operations to support the CNO/NAVFAC facilities policy and objectives and satisfy customers' facility needs. Defined by the International Facility Management Association as "the practice of coordinating the physical workplace with the people and work of the organization."
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

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DEFINITIONS AND ACRONYMS

DEFINITION	DESCRIPTION
	ensure equipment and systems are operational and remain in a constant state of readiness. Service orders 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.
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.
SERVICE ORDER	Any work required to return a facility, system, equipment or component to normal working condition. Service orders are minor facility problem requests or requests for facilities-related work that are too small to be planned and estimated.
SERVICE ORDER 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 order.
SERVICE ORDER, EMERGENCY	Emergency is defined as any facility deficiency that immediately compromises the mission or life, health and safety. Always includes, but is not limited to, failure of any utility, fire protection, environmental control, or security alarm systems.
SERVICE ORDER, URGENT	Urgent is defined as any deficiency that does not immediately endanger personnel or property, but extended delays of repairs could result in damage

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DEFINITIONS AND ACRONYMS

DEFINITION	DESCRIPTION
	to Government property, or soon affect the security, health, or well-being of personnel or the continued operation of a service or system.
SERVICE ORDER, 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. 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.
WEIGHT HANDLING EQUIPMENT (WHE)	Weight handling equipment consists of cranes (e.g., portal cranes, jib cranes), rigging gear (e.g., slings, shackles), and associated equipment (e.g., portable hoists, dynamometers). For purposes of this technical sub-annex, WHE does not include mobile or transportable truck, crawler, and railway mounted locomotive cranes covered in 1700000 BSVE.

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ACRONYM	TITLE
BPVC	Boiler and Pressure Vessel Code
ENEL	Ente Nazionale per l'Energia Elettrica (National Entity for Electricity)
HVAC	Heating, Ventilation, and Air Conditioning
RPIE	Real Property Inventory Equipment
SCADA	Supervisory Control And Data Acquisition
SRM	Sustainment, Restoration and Modernization
UFC	Unified Facilities Criteria
UPV	Unfired Pressure Vessel
VTE	Vertical Transportation Equipment

ATTACHMENT J-1502000-02
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.

REFERENCE	TITLE
DM 1 March 1974	Norme per l'Abilitazione alla Conduzione di Generatori di Vapore
DPR 162/99	Norme per l'attuazione delle direttive 95/16/CE e 2006/42/CE (Ascensori e Montacarichi)
CEI EN 50110-1	Operation of Electrical Installations
CEI 11-27	Lavori su Impianti Elettrici
UFC 3-410-01	Heating, Ventilating, and Air Conditioning Systems
UFC 3-410-06	Operation and Maintenance: Central Heating Plants
UFC 3-430-07	Operations and Maintenance: Inspection and Certification of Boilers and Unfired Pressure Vessels
UFC 3-550-01	Exterior Electrical Power Distribution
UFC 3-560-01	Electrical Safety O&M
UFC 3-570-06	Cathodic Protection
UFC 3-600-02	Operations and Maintenance: Inspection, Testing, and Maintenance of Fire Protection Systems
NAVMED P-5010-4	Manual of Naval Preventive Medicine
OSHA	Occupational Safety and Health – Laws and Regulations
	Technical Manual (OTM)
	OSHA Instruction TED 01-00-015, Section III: Chapter 7, Legionnaires' Disease
UNI EN 81-1	Safety rules for the construction and installation of lifts – Part 1 : Electric lifts
UNI EN 81-2	Safety rules for the construction and installation of lifts – Part 2 : Hydraulic lifts
SIEMENS O&M	Operation and Maintenance of Telemetry Alarm System Manual
NAVFAC P-717	Preventive/Recurring Maintenance Handbook
NAVFAC MO-114	Building Maintenance
NAVFAC MO-115	Systems Maintenance Refrigeration
NAVFAC MO-118	Inspection of Vertical Transportation Equipment
NAVFAC MO-119	Building Maintenance; Galley Equipment
NAVFAC MO-200	Facilities Engineering Electrical Exterior Facilities
NAVFAC MO-206	Operation and Maintenance of Air Compressor Plants
NAVFAC MO-209	Maintenance of Steam, Hot Water and Compressed Air Distribution Systems
NAVFAC MO-210	Maintenance & Operation of Water Supply System, Treatment & Distribution Systems
NAVFAC MO-220	Maintenance and Operation of Gas Systems
NAVFAC MO-225	Industrial Water Treatment
NAVFAC MO-324	Inspection and Certification of Boilers and Unfired Pressure Vessels
NAVFAC MO-912	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
NAVFACINST 11300.37	Energy and Utilities Policy Manual
NEC	National Electrical Code
NESC	National Electrical Safety Code
NFPA	National Fire Protection Agency Standards
NFPA Standard 25	Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems

ATTACHMENT J-1502000-02
REFERENCES AND TECHNICAL DOCUMENTS

REFERENCE	TITLE
NFPA Standard 96	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
NFPA Standard 99	Standards for Health Care Facilities
ASME BPVC VI 1998	American Society of Mechanical Engineers, Boiler & Pressure Vessel Code
MIL-HDBK-1152	Inspection & Certification of Boilers & Unfired Pressure Vessels
OPNAVINST 5090.1	Environmental Readiness Program Manual
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers

ATTACHMENT J-1502000-03
FACILITY PROPERTY INVENTORY

Facility Property Inventory is provided as a separate attachment. Refer to Microsoft Excel attachment “J-1502000-03 Facility Property Inventory”

ATTACHMENT J-1502000-04
HISTORICAL SERVICE ORDER WORKLOAD

HISTORICAL WORKLOAD FOR N33191-07-D-0250, NSA Naples BOS Contract			
Funding Activity	Service Order Type ¹	No. of Orders	Not to Exceed Total Cost (lab + mat ¹)
FY 16 – October 2015 to June 2016			
REGION	Emergency	37	€150,00
	Routine, Type I	107	€150,00
	Routine, Type II	38	€500,00
	Routine, Type III	21	€1.000,00
	Routine, Type IV	15	€2.000,00
BUMED	Emergency	2	€150,00
	Routine, Type I	69	€150,00
	Routine, Type II	15	€500,00
	Routine, Type III	11	€1.000,00
FY15 – October 2014 to September 2015			
REGION	Emergency	36	€150,00
	Routine, Type I	132	€150,00
	Routine, Type II	30	€500,00
	Routine, Type III	34	€1.000,00
	Routine, Type IV	17	€2.000,00
BUMED	Emergency	7	€150,00
	Routine, Type I	131	€150,00
	Routine, Type II	24	€500,00
	Routine, Type III	9	€1.000,00
FY14 – October 2013 to September 2014			
REGION	Emergency	57	€150,00
	Routine, Type I	161	€150,00
	Routine, Type II	90	€500,00
	Routine, Type III	31	€1.000,00
	Routine, Type IV	11	€2.000,00
BUMED	Emergency	21	€150,00
	Routine, Type I	78	€150,00
	Routine, Type II	25	€500,00
	Routine, Type III	8	€1.000,00

ATTACHMENT J-1502000-04
HISTORICAL SERVICE ORDER WORKLOAD

HISTORICAL WORKLOAD FOR N62470-14-D-6015, NSA Gaeta and Gricignano Support Site BOS Contract				
Funding Activity	Emergency Service Orders (during Government regular working hours)	Emergency Service Orders (after Government regular working hours)	Urgent Service Orders	Routine Service Orders ²
	Not to Exceed Total Cost (lab + mat'l): \$1,000		Not to Exceed Total Cost (lab + mat'l): \$1,000	Not to Exceed Total Cost (lab + mat'l): \$3,500
	No. of Orders	No. of Orders	No. of Orders	No. of Orders
FY 16 – October 2015 to July 2016				
REGION	17	Approx. 25% of Emergency service orders are placed after working hours	171	11
HOUSING	0		6	0
FY15 – October 2014 to September 2015				
REGION	25	Approx. 25% of Emergency service orders are placed after working hours	192	12
HOUSING	2		5	0

Detailed descriptions of service order workload by funding activity and location are provided in Microsoft Excel attachment “J-1502000-04.a Service Orders Work Samples April 2014 to April 2016”. Note that this historical workload reflects service orders for equipment and systems repairs that under the new consolidation contract will be covered by the Integrated Maintenance Program (IMP).

Note 1: It is estimated that 25% of historical Routine service orders quantity will be classified as Urgent.

Note 2: The Government expects a minimum of 14 Routine Service Orders for the Gaeta Department (Region).

ATTACHMENT J-1502000-05
REGION EQUIPMENT AND SYSTEMS INVENTORIES

Refer to Microsoft Excel Attachment: J-1502000-05 REGION Equipment and Systems Inventories	Tab
HVAC AND REFRIGERATION SYSTEMS INVENTORY	001
BOILERS AND UPVs SYSTEMS INVENTORY	002
DIRECT DIGITAL CONTROL (DDC) SYSTEM INVENTORY	003
EMERGENCY AND EXIT LIGHTS SYSTEMS INVENTORY	004
ELECTRICAL SYSTEMS INVENTORY	005
FIRE PROTECTION - FIRE ALARM SYSTEM INVENTORY	006
FIRE PROTECTION - FIRE SUPPRESSION / EXTINGUISHING SYSTEMS INVENTORY	007
VERTICAL TRANSPORTATION EQUIPMENT (VTE) (ELEVATORS) INVENTORY	008
CARBON-MONOXIDE (CO) DETECTION/ALARM SYSTEMS INVENTORY	009
ELECTRONIC SECURITY SYSTEMS INVENTORY	010
AIR EXHAUST SYSTEMS INVENTORY	011
MOISTURE DETECTION SYSTEMS INVENTORY	012
PUBLIC ADDRESS (PA) SYSTEMS INVENTORY	013
GATES AND ROLL-UP DOORS INVENTORY	014

ATTACHMENT J-1502000-06
BUMED EQUIPMENT AND SYSTEMS INVENTORIES

Refer to Microsoft Excel Attachment: J-1502000-06 BUMED Equipment and Systems Inventories	Tab
HVAC AND REFRIGERATION SYSTEMS INVENTORY	001
BOILERS EQUIPMENT INVENTORY	002
DIRECT DIGITAL CONTROL (DDC) SYSTEM INVENTORY	003
EMERGENCY AND EXIT LIGHTS SYSTEMS INVENTORY	004
ELECTRICAL SYSTEMS INVENTORY	005
FIRE PROTECTION SYSTEMS INVENTORY	006
VERTICAL TRANSPORTATION EQUIPMENT (VTE) (ELEVATORS) INVENTORY	007
NURSE CALL AND CODE BLUE SYSTEMS EQUIPMENT INVENTORY	008
OVERHEAD AND ROLL-UP DOORS AND GATES INVENTORY	009
COMPRESSED AND MEDICAL AIR, GAS & VACUUM SYSTEMS AND EQUIPMENT INVENTORY	010
EMERGENCY COMMUNICATION SYSTEM INVENTORY	011
UNINTERRUPTED POWER SUPPLY SYSTEM (UPS) INVENTORY	012
INTERNAL WATER TREATMENT SYSTEMS EQUIPMENT INVENTORY	013
SUMP PUMPS INVENTORY	014
EXHAUST HOOD AND DUCTS INVENTORY	015
REFRIGERATION EQUIPMENT INVENTORY	016
FOOD SERVICE EQUIPMENT INVENTORY	017
AUXILIARY GENERATORS INVENTORY	018
ISOLATION ROOMS INVENTORY	019
UNDERGROUND (UG) FUEL OIL STORAGE TANKS INVENTORY	020
FIRE DOORS EQUIPMENT INVENTORY	021
LIGHTING ARRESTORS AND GROUNDING DEVICES (SCHEMATICS)	022
AUTOMATED DOORS INVENTORY	023
EMERGENCY EYEWASH AND SHOWER STATIONS INVENTORY	024
ELECTRICAL RECEPTACLES INVENTORY	025

ATTACHMENT J-1502000-07
OTHER RECURRING SERVICES EQUIPMENT INVENTORY

Other recurring services equipment inventory is provided as a separate attachment. Refer to Microsoft Excel attachment "J-1502000-07 Other Recurring Services Equipment Inventory".

ATTACHMENT J-1502000-08
NON-RECURRING WORK (IDIQ) HISTORICAL DATA – JUNE 2013 TO APRIL 2016

Non-Recurring work historical data is provided as a separate attachment. Refer to Microsoft Excel attachment “J-1502000-08 Non-Recurring Work (IDIQ) Historical Data”.