



**Service Request NO. 8755228  
E-Project NO. 1358494**

**REGIONAL BOILER, UPV INSPECTION AND CERTIFICATION SERVICES**

**AT**

**COMMANDER, NAVY REGION JAPAN AND MCAS IWAKUNI JAPAN**

**BY**

**FIRM FIXED PRICE (FFP) AND INDEFINITE QUANTITY AND INDEFINITE  
DELIVERY (IDIQ) ORDER CONTRACT**

**SUBMITTED BY:**

**NAVFAC FE IPT**

**PREPARED BY:**

**Hiroki Moriya  
Engineering Technician/Specification Writer**

**18 November 2014**

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**APPROVED BY:**

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**FMFS PLC**

**DATE**

<b>0100000 – General Information</b>		
<b>Spec Item</b>	<b>Title</b>	<b>Description</b>
1	General Information	
1.1	Outline of Services	<p>Except where otherwise stated, the Contractor shall furnish all labor, supervision, management, tools, materials, equipment, facilities, transportation, incidental engineering, and other items necessary to provide the services outlined below and described in this Performance Work Statement (PWS) at Navy Region Japan to include Commander Fleet Activities Yokosuka (CFAY), Naval Air Facility Atsugi (NAFA), Commander Fleet Activities Sasebo (CFAS), Naval Air Facility Misawa (NAFM), Marine Corps Air Station Iwakuni (MCASI), Marine Corps Community Service (MCCS) Fuji and New Sanno Hotel, Tokyo a combination firm-fixed price (FFP) and indefinite delivery-indefinite quantity (IDIQ). The PWS is organized into annexes. Annex 1 is "General Information". Annex 2 contains the on-site project management and administration requirements. Annexes 3 through 18 contain the technical requirements. The annex numbers are identified as 1 through 18 in the description column, but the full expanded annex numbers include seven digits (e.g., Annex 1 expanded number is 0100000 as shown in the header row at the top of this page).</p> <p>Annex 1 General Information  Annex 2 Management and Administration  Annex 3 Command and Staff N/A  Annex 4 Public Safety N/A  Annex 5 Air Operations N/A  Annex 6 Port Operations N/A  Annex 7 Ordnance N/A  Annex 8 Range Operations N/A  Annex 9 Health Care Support N/A  Annex 10 Supply N/A  Annex 11 Personnel Support N/A  Annex 12 Morale, Welfare and Recreation Support N/A  Annex 13 Galley N/A  Annex 14 Housing N/A  Annex 15 Facilities Support  Annex 1502000 Facility Investment  Annex 16 Utilities N/A  Annex 17 Base Support Vehicles and Equipment N/A  Annex 18 Environmental N/A</p>
1.2	Project Location	<p>The work shall be performed at various locations and could vary from location to location. The following is an example of the dispersion of work at the various locations.</p> <p>(1) Boiler and Unfired Pressure Vessel Inspection and Certification Services: Various Locations</p>
1.3	Acquisition of Additional Work	<p>The Government reserves the right to acquire additional boiler and unfired pressure vessel inspection and certification services at additional locations in addition to the services and locations identified in the Firm-Fixed Price requirements of this contract. Additional services will be incorporated into the contract in accordance with the CHANGES clause, SECTION I or ordered under the indefinite delivery indefinite quantity provisions of the contract. Items of work not covered by this contract but within the general intent are considered in the scope of this contract.</p>

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1.4.1	Commander, Navy Region Japan	<p>Acts as Navy representative and coordinator in our area of responsibility, executes shore installation management, and promotes operability and conducts liaison with the Japan Maritime Self Defense Force.</p> <p>Additional information for Commander Navy Region Japan is available at: <a href="http://www.cnmc.navy.mil/Japan/index.htm">http://www.cnmc.navy.mil/Japan/index.htm</a>.</p>
1.4.2	Commander Fleet Activities Yokosuka	<p>Our mission is to maintain and operate base facilities for the logistic, recreational, administrative support and service of the U.S. Naval Forces Japan, U.S. SEVENTH Fleet and other operating forces forward-deployed in the Western Pacific.</p> <p>Our mission is to maintain and operate base facilities for the logistic, recreational, administrative support and service of the U.S. Naval Forces Japan, U.S. SEVENTH Fleet and other operating forces forward-deployed in the Western Pacific.</p> <p>Commander Fleet Activities, Yokosuka comprises 568 acres and is located 43 miles south of Tokyo at the entrance of Tokyo Bay and approximately 18 miles south of Yokohama. Yokosuka is on the Miura peninsula in the Kanto Plain region of the Pacific Coast in Central Honshu, Japan. CFAY is the largest overseas U.S. Naval installation in the world and is considered to be one of the most strategically important bases in the U.S. military.</p> <p>Additional information for Commander Fleet Activities Yokosuka is available at: <a href="https://www.cnmc.navy.mil/Yokosuka/index.htm">https://www.cnmc.navy.mil/Yokosuka/index.htm</a></p>
1.4.3	Commander Fleet Activities Sasebo	<p>CFAS is located on Kyushu island, about 45 miles (1.5 hour drive) from the prefecture's capital of Nagasaki and 78 miles (2 hour drive) from Fukuoka, largest city on the island. Sasebo is about 600 miles by air from Tokyo. The installation is composed of 12 separate areas on 1,285 acres bordering or near Sasebo Harbor. CFAS includes a main base area, three off-base housing areas, three fuel facilities, two ordnance facilities and a Landing Craft Air Cushion laydown site. For over 120 years two great navies, first the former Imperial Navy and now the U.S. Navy, have called Sasebo home. The city and nearby area are generally rural in comparison to other fleet concentration areas and features stunning natural beauty, including nearby 99 Islands National Park.</p> <p>Additional information for Commander Fleet Activities is available at for: <a href="http://www.cnmc.navy.mil/Sasebo/index.htm">http://www.cnmc.navy.mil/Sasebo/index.htm</a>.</p>
1.4.4	Naval Air Facility Misawa	<p>Misawa Air Base, Japan, is located near the northern tip of Honshu, the largest of the islands that comprise Japan. The air base is home to U.S. military, Japanese Air Self Defense Forces (JASDF), and civilian airline activities. Naval Air Facility (NAF) Misawa is an associate command, hosted by the U.S. Air Force 35th Fighter Wing (FW). The Commanding Officer is tasked with providing aviation and ground logistic support and services to all permanent and transient USN and USMC forces in Northern Japan. NAF Misawa hosts 13 permanently assigned associate and tenant commands. Additionally, Patrol Squadrons (VP) will often deploy to Misawa for six month tours.</p> <p>Additional information for Naval Air Facility Misawa is available at: <a href="http://www.cnmc.navy.mil/Misawa/index.htm">http://www.cnmc.navy.mil/Misawa/index.htm</a>.</p>

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1.4.5	Naval Air Facility Atsugi	<p>Naval Air Facility Atsugi lies in the heart of the Kanto Plain on the main island of Japan, Honshu, Kanagawa (Prefecture), Ayase (ah-ya-sey). Co-located with the Japanese Maritime Self Defense Force (JMSDF), it is located about 16 km west of Yokohama and about 36 km southwest of Tokyo. The Base is divided into two areas: individual mission operating areas for exclusive use by each nation, and a joint area for administrative functions. Our mission is to provide facilities, services, material and logistics support for U.S. Navy aviation operations for Carrier Air Wing FIVE, deployed aboard USS George Washington(CVN-73) commonly known as GW.</p> <p>Additional information for Naval Air Facility Atsugi is available at: <a href="http://www.cnmc.navy.mil/Atsugi/index.htm">http://www.cnmc.navy.mil/Atsugi/index.htm</a></p>
1.4.6	Marine Corps Air Station Iwakuni	<p>Marine Corps Air Station Iwakuni, Japan, is situated approximately 600 miles southwest of Tokyo. It is located in the Nishiki River delta at Iwakuni City, where it lies at the eastern end of Yamaguchi Prefecture, the southern end of the main island of Japan. The city is backed by the mountains and fronted by the Seto Inland Sea, and its northern part adjoins Otake City in Hiroshima Prefecture. Running from east to west, the Nishiki River is vital to the over 150,000 residents and the large number of factories in the city.</p> <p>MCAS Iwakuni is home to approximately half of the 1st Marine Aircraft Wing that is headquartered on Okinawa, elements of the 3rd Force Service Support Group, Fleet Air Wing 31 of the Japan Maritime Self Defense Force, and other units of JMSDF.</p> <p>Additional information for Marine Corps Air Station Iwakuni is available at: <a href="http://www.mcasiwakuni.marines.mil">http://www.mcasiwakuni.marines.mil</a></p>
1.4.7	Marine Corps Community Services Fuji (Camp Fuji)	<p>Marine Corps Community Services Fuji (Camp Fuji) is located on the island of Honshu in central Japan. Our Camp is on the eastern side of Mount Fuji at approximately 2,250 above sea level. We are approximately two hours driving from Tokyo. Marine Corps Community Services mission is to provide fitness/recreation programs, personal services, and business activities in direct support of individual and readiness and retention.</p> <p>Additional information for the Marine Corps Community Services Fuji is available at <a href="http://www.mccsfuji.com/">http://www.mccsfuji.com/</a></p>
1.4.8	New Sanno Hotel Tokyo	<p>The New Sanno hotel, a U.S. Naval joint activity located in the heart of Tokyo, is an American-style oasis for a reasonable price for eligible patrons. The New Sanno offers a variety of accommodations and restaurants in a helpful, English-speaking environment.</p> <p>Additional information for the New SANNO Hotel is available at: <a href="http://www.thenewsanno.com">http://www.thenewsanno.com</a></p>
1.5	Verification of Workload and Conditions	<p>Throughout the PWS, the workload data is generally referred to as being located in Section J. Section J provides data such as inventories, maps, floor plans, and tables to represent the type, quantity and location of services to be provided. However, offerors are encouraged to visit the project site during the site visit for offerors and to visit the technical library during posted hours as part of its due diligence to assess the nature of work and conditions under which work is to be performed.</p>

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1.6	Climate Patterns	For climate patterns in Japan go to the following website: <a href="http://www.jma.go.jp/jma/en/menu.html">http://www.jma.go.jp/jma/en/menu.html</a>
1.7	Related Information	<p>There are four types of Related Information that can be found in the Description and Related Information columns of the specification as follows:</p> <p>Informational Notes as used throughout this PWS provides additional information to offerors to be used in developing a thorough understanding of the work to be performed in this contract. Any block of text marked “Informational Notes” throughout Annexes 1 through 18 is subject to this disclaimer. Offerors may not rely upon the "Informational Notes" as material representations of the Government. Information provided in "Informational Notes" does not create a contractual requirement on either party to this contract.</p> <p>Clarifying Information describes client expectations in a more detailed manner than the Performance Objective and Performance standard alone.</p> <p>Constraining Information describes limitations to the work performed to meet the Performance Objective and Performance Standard.</p> <p>Requirement Information further describes client requirements associated with each Performance Objective.</p>
1.8	Navy Approach to Service Contracting	The Department of Navy (DoN) spends over \$1 billion in annual obligations to meet global requirements for facility operations and maintenance provided through Facility Support Contracts (FSC) and additional billions to provide other base operations support services (OBOS). The Head of the Contracting Activity (HCA) of the Naval Facilities Engineering Command (NAVFAC) has focused increased attention on re-engineering FSC contracts in response to customer and industry feedback, budget constraints, and the impact of a variety of contracting, program management and financial management regulations. The Navy also supports the following principles:
1.8.1	Partnering Philosophy	The first principle is that the Navy views its contractors as partners and not just abstract service providers. The Navy wants its contractors to succeed because partners' success drives the Navy's successful mission completion. Within the bounds of acquisition policy the Navy intends to work to find solutions that will be beneficial to both the Government and its partners.
1.8.2	Contractor's Knowledge	The second principle is that the Navy will receive insightful management from its contractors. This management will include the knowledge, skills, authority and willingness to use contractor resources to find better ways of serving Navy clients' strategic and operational goals and objectives. The Navy's use of performance-based objectives evidences this principle. Although performance work statements will typically contain several levels of performance assessment, the Navy wants its contractors to exercise maximum discretion within bounds of prudent risk management to adjust processes and resources needed to reach specified objectives at the highest performance level.
1.8.3	Industry Best Practices	The third principle is that the Navy will adopt industry best commercial practices and maintain state-of-the-art service delivery. It is the Navy's and contractor's responsibility as partners to reach this goal. To that end, the Navy's emphasis will be in evaluating performance objectives (end

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		results).
1.9	Standard Template	<p>Key to implementing a programmatic approach is using a standard template that ensures Navy-wide consistency yet affords appropriate tailoring to meet local needs. This contract conforms to the standard template and has been tailored for this solicitation. NAVFAC intends to use this template-based approach for future service contracts. Offerors should develop an understanding of the template as part of performing due diligence in reaching an understanding of the Navy’s requirements and expectations.</p> <p>The standard template contains 18 standard annexes. Annex 1 will always contain information that is relevant to the entire scope of the contract. Annex 2 contains on-site project management and administration requirements that are relevant to the entire scope of the contract. Annexes 3 through 18 contain the technical information and requirements peculiar to that technical annex. Within each technical annex, the organization of information and requirements are also standardized. Specification item 1 will always contain General Information. Specification item 2 will always contain the management and administrative requirements. Specification item 3 will always contain the Firm Fixed-Price (FFP) requirements. Specification item 4 will always contain the Indefinite Delivery-Indefinite Quantity (IDIQ) requirements. Requirements and standards for higher level specification items apply to all subordinate specification items, e.g., Specification Item 3 standards apply to all firm fixed priced specification items. Specification Item 3.1 is applicable to all 3.1 subordinate specification items. Specification Items 3.2 and 3.3 are not considered subordinate to 3.1. All costs associated with Annexes 1 and 2 and Specification items 1 and 2 must be priced and distributed within Specification Item 3 of Annexes 3 through 18.</p>
1.10	Navy PBSA Approach	The Navy’s approach to performance-based service acquisition (PBSA) includes four component parts which are 1) performance outcomes, 2) measurable standards, 3) consideration of incentives, and 4) performance assessment plan.
1.11	Technical Proposal Certification	The Contractor warrants that its proposal incorporated herein by reference will meet or exceed the performance objectives set forth in this contract.

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<b>0200000 – Management and Administration</b>	
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2.3.3.3	Contract Partnering Session Attendees
2.3.4	Permits and Licenses
2.3.5	Insurance
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2.3.5.2	Minimum Insurance Amounts
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2.1	Definitions and Acronyms	Definitions and Acronyms are listed in J-0200000-01.
2.2	General Information	
2.2.1	Government Regular Working Hours	The Government's regular working hours are from 0700-1600, five days per week, Monday through Friday, except observed Federal holidays. Exceptions to the regular hours of operation are detailed in subsequent sections of this PWS. Work in certain annexes or sub-annexes require Contractor continuous operations, 24 hours a day, every day of the year including holidays. The performance of other work requirements shall be accomplished within the Government's regular working hours unless the specific work requirement specified herein necessitates otherwise. Any other work outside Government regular working hours requires prior KO approval.
2.2.1.1	Observed Federal Holidays	The Government observes the following holidays: New Year's Day, Martin Luther King Jr.'s Birthday, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day.
2.2.1.2	Restriction to Contractor Working Hours	If the Contractor wishes to work outside of the Government's regular working hours for the Contractor's convenience, the Contractor shall submit a written Request to Work Outside Government's Regular Working Hours per Section F. Excludes work to be performed during specified hours.
2.2.2	Wage Determinations	N/A
2.2.3	Requirements Hierarchy	Requirements or definitions specified in each spec item of this contract apply to subordinate paragraphs. For example, requirements shown in spec item 3.1 would apply to spec items 3.1.1, 3.1.2, 3.1.2.1 and so on.  Likewise, Performance Standards specified at a lower digit level (i.e. spec item 3.1.1, 3.1.2, 3.1.2.1) apply when performance is assessed at a higher tier (i.e., spec item 3.1) based on the composite work requirements.
2.3	General Administrative Requirements	
2.3.1	Required Conferences and Meetings	The Contractor may be required to attend administrative and coordination meetings. The Contractor shall attend meetings as shown in J-0200000-02.
2.3.2	Training for Maintenance and Operation of New and Replacement Systems and Equipment	N/A
2.3.3	Partnering	To increase the likelihood of successful performance of this contract, the Government requires cohesive partnerships with its Contractors and subcontractors. Key stakeholders, including the supported commands who will receive services, principal individuals from NAVFAC, the performance assessment team, and representative(s) of the installation(s) will be invited to participate in the partnering process. Key members of the prime and subcontractors teams, including senior management personnel must participate. The partnership will draw on the strength of each organization in an effort to achieve quality contract services done right the first time, within the contract price, as scheduled, and without

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		<p>any safety mishaps.</p> <p>Partnering should accomplish three goals:</p> <ul style="list-style-type: none"> <li>- The first goal is to develop a cohesive team with common purpose, commitment and established communication processes.</li> <li>- The second goal of partnering is contract specific, identifying risks and opportunities for the team to address.</li> <li>- The third goal is to sustain the Partnership throughout the contract by identifying and addressing issues that affect the Partnership.</li> </ul>
2.3.3.1	Informal Partnering	<p>The Contracting Officer shall organize the initial Partnering Meeting with key personnel of the project team, including Contractor's personnel and Government personnel. The initial session will be scheduled concurrent with the Pre-Performance Conference and held no later than 30 days after award and will be held at a Government provided facility as designated by the KO.</p> <p>The Initial Informal Partnering Session will be conducted and facilitated using electronic media (a video and accompanying forms) provided by Contracting Officer. The senior Government stakeholder present will lead the meeting, however, the Contractor's PM or senior representative is encouraged to participate as co-lead.</p> <p>The Partners will determine the frequency of the follow-on sessions.</p>
2.3.3.2	Contract Partnering Administration	<p>Upon award, the ACO will contact the Contractor, supported command(s), Region, and Installation(s) stakeholders, and the performance assessment team to discuss implementation of partnering. A partnership agreement, The Charter, should be in place as early as possible so issues arising, even before work begins, can be resolved using the issues resolution process. Replacement of Core Management Team members (stakeholders who attended the initial session and manage the contract work day-to-day) is discouraged since it will disrupt the synergy that has been developed. If replacement of a team member proves to be unavoidable, a follow-on partnering session must be held to officially turn the responsibilities of the position over to the new member.</p> <p>The Core Management Team consisting of the attendees below must be present during the initial and all follow-on partnering sessions. These are the core mandatory attendees. Other stakeholders may attend if they desire or as recommended by the partners.</p>
2.3.3.3	Contract Partnering Session Attendees	<p>The Contractor shall bring the necessary personnel to successfully partner on this contract. Asterisk indicates mandatory personnel.</p> <p>President/Vice President</p> <ul style="list-style-type: none"> <li>* Project Manager</li> <li>* Quality Manager</li> <li>*Site Safety and Health Officer</li> </ul>
2.3.4	Permits and Licenses	<p>The Contractor shall obtain all required permits, licenses, and authorizations to perform work under this contract and comply with all the applicable Federal, state and local laws and regulations. The Contractor shall submit copies of Permits and Licenses per Section F.</p>
2.3.5	Insurance	<p>The Contractor shall submit a Certificate of Insurance per Section F as evidence of the existence of the following insurance coverage in amounts not less than the amounts specified below in accordance with the FAR Clause 52.228-5, INSURANCE – WORK ON A GOVERNMENT</p>

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		INSTALLATION. This insurance must be maintained during the performance period.
2.3.5.1	Certificate of Insurance	The Certificate of Insurance shall provide for at least 30 calendar days written notice to the KO by the insurance company prior to cancellation or material change in policy coverage. Other requirements and information are contained in the aforementioned insurance clause.
2.3.5.2	Minimum Insurance Amounts	The Contractor shall procure and maintain, during the entire period of performance under this contract, the following minimum insurance coverage:  Comprehensive General Liability: ¥50,000,000 per occurrence  Automobile Liability: ¥20,000,000 per person, ¥50,000,000 per occurrence, ¥2,000,000 per occurrence for property damage  Workmen's Compensation: As required by Federal and state worker's compensation and occupational disease statutes  Employer's Liability coverage: N/A  Other as required by Japanese law  Above insurance coverage's are to extend to Contractor personnel operating Government owned equipment and vehicles.
2.3.6	Protection of Government Property	During execution of the work, the Contractor shall protect Government property. The Contractor shall return areas damaged as a result of negligence under this contract to their original condition at no cost to the Government.
2.3.7	Government Information Technology (IT) System	The U.S. Navy uses ONENet in Japan.
2.3.8	Directives, Instructions, and References	Department of Defense (DoD), Secretary of the Navy (SECNAV), Chief of Naval Operations (OPNAV), and other applicable Directives, Instructions, and References are listed in J-0200000-03. The Contractor shall comply with the most current version of directives, instructions, and references including versions published during the term of the contract.
2.3.9	Invoicing Procedures	Refer to Section G and J-0200000-04 for invoicing instructions. The Contractor shall submit payment requests and receiving reports using WAWF (Wide Area WorkFlow).
2.3.10	Forms	Forms referenced in this Annex, e.g. accident reporting, and damage reporting are included among the Forms in J-0200000-05.
2.4	Government-Furnished Property, Materials and Services	In accordance with FAR 52.245, GOVERNMENT PROPERTY and NAVFAC Clause 5252.245-9300, GOVERNMENT-FURNISHED PROPERTY, MATERIALS AND SERVICES, and the following paragraphs, the Government will furnish or make available to the Contractor certain Government-owned facilities, utilities, materials, equipment and services for use in connection with this contract as stated below.
2.4.1	Government-Furnished Facilities (GFF)	N/A
2.4.2	Government-Furnished Utilities	The Government will furnish water and electricity at existing outlets required for the work to be performed under the contract at no cost to the Contractor. Information concerning the location of existing outlets may

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		be secured from the KO. The Contractor shall provide and maintain, at its expense, the necessary service lines from the existing Government outlets to the work site. Provide and maintain backflow prevention devices on connections to domestic water lines and electrical transformer provisions on connections to electric lines. Meet all Federal, State, local, and installation codes and regulations for backflow prevention devices and electrical transformer provisions. Services required by the Contractor, for which there are no available Government outlets, shall be provided by the Contractor at no cost to the Government.
2.4.3	Government-Furnished Materials (GFM)	N/A
2.4.4	Government-Furnished Equipment (GFE)	N/A
2.4.5	Government-Furnished Services (GFS)	N/A
2.5	Contractor-Furnished Items	Except for items identified as Government Furnished, the Contractor shall provide all equipment, materials, parts, supplies, components, and facilities to perform the requirements of this contract. The KO may inspect Contractor-furnished items for adequacy and compliance with contract requirements. Inadequate or unsafe items shall be removed and replaced by the Contractor at no cost to the Government. Materials containing asbestos, lead, and polychlorinated biphenyls (PCBs) shall not be brought onsite. Energy efficient tools and equipment shall be used when available. The KO may at any time require Samples, Material Safety Data Sheets (MSDS) or Manufacturer's Data Cut Sheets of Materials used in this contract.
2.6	Management	The Contractor shall manage the total work effort associated with the services required herein to meet the performance objectives and standards. Such management includes but is not limited to planning, scheduling, cost accounting, report preparation, establishing and maintaining records, and quality assurance. The Contractor shall provide a staff with the necessary management expertise to ensure performance objectives and standards are met.
2.6.1	Work Reception	The Contractor shall provide the capability to receive, prioritize, correspond, and respond to task orders during Government regular working hours.
2.6.2	Work Control	The Contractor shall implement all necessary work control procedures to ensure timely accomplishment of work requirements, as well as to permit tracking and reporting of work in progress. The Contractor shall plan and schedule work to assure material, labor, and equipment are available to complete work requirements within the specified time limits and in conformance with the quality standards established herein. Verbal scheduling and work status updates shall be provided when requested by the KO. A status update of any item of work must be provided within two hours of the inquiry during regular working hours, and by 0800 the following work day for inquiries after regular working hours.
2.6.3	Work Schedule	The Contractor's work shall not interfere with normal Government business. In those cases where some interference is unavoidable, the Contractor shall minimize the impact and effects of the interference. The Contractor shall provide advance access of all of its work schedules to the Government. The Contractor shall notify the KO of any difficulty in scheduling work due to Government controls.
2.6.4	Deliverables	Records and reports are specified in Section C and listed as deliverables in

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		<p>Section F. The Contractor shall submit accurate and complete documents within the required timeframes as specified in Section F.</p> <p>Government acceptance of deliverables will not relieve the Contractor of the responsibility for any error or omission which may exist in the deliverable, as the Contractor is responsible for all requirements of this contract.</p>
2.6.5	Service Interruptions	If any utilities or other services must be discontinued (even temporarily) due to scheduled contract work, the Contractor shall notify the KO, affected tenants, and customers in accordance with local procedures. If the discontinued service is due to an emergency breakdown the Contractor shall notify the KO, affected tenants and customers as soon as practicable.
2.6.6	Government's Computerized Maintenance Management Systems (CMMS)	N/A
2.6.7	Quality Management System (QMS)	<p>The Contractor shall establish and maintain a complete QMS program in accordance with the provisions specified herein. The Contractor's QMS program shall provide an effective and efficient means of identifying and correcting problems throughout the entire scope of operations. The Contractor's QMS program shall address:</p> <ul style="list-style-type: none"> <li>• Accurate documentation of work processes, procedures, and output measures.</li> <li>• A systematic procedure for assessing compliance with performance objectives and standards.</li> <li>• Accurate documentation of quality inspections and surveillance conducted throughout the execution of work.</li> <li>• Assessment-driven corrective actions and process adjustments as appropriate in a timely manner.</li> </ul>
2.6.7.1	Quality Management (QM) Plan	<p>The Contractor shall develop and submit a QM Plan per Section F. The QM Plan shall describe the QMS methodology and approaches used under this contract. If any changes are made during the period of performance, submit to the KO a revised QM Plan for acceptance.</p> <p>The Contractor's QM Plan shall include, at a minimum, the following:</p> <ul style="list-style-type: none"> <li>• Policy and objectives of Quality Management System (QMS)</li> <li>• Quality organization <ul style="list-style-type: none"> <li>○ List of personnel</li> <li>○ Responsibilities &amp; lines of authority</li> <li>○ Training and qualifications</li> </ul> </li> <li>• Approach to assuring quality of services provided and conformance with performance objectives and standards</li> <li>• Methods and procedures for effective planning, operation and control of processes and performance of work</li> <li>• Procedures for inspection and surveillance of services <ul style="list-style-type: none"> <li>○ Scheduling and performance of inspection and surveillance</li> <li>○ Measurement, data collection and analysis</li> <li>○ Corrective action, preventive action, and continuous improvement</li> <li>○ Oversight of subcontracted work</li> </ul> </li> <li>• Documentation and records management</li> </ul>

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		<ul style="list-style-type: none"> <li>• Communication with government (customers)</li> </ul>
2.6.7.2	Quality Inspection and Surveillance	The Contractor shall establish and maintain an inspection and surveillance system in accordance with the FAR Clause 52.246-4, INSPECTION OF SERVICES – FIXED PRICE, to ensure that the work performed conforms to the contract requirements. The Contractor shall document and maintain a file of all scheduled and performed inspections and surveillances, inspection and surveillance results, and dates and details of corrective and preventive actions. The quality inspection and surveillance file shall be the property of the Government and made available during the Government's regular working hours. The file shall be turned over to the KO within five calendar days of termination of the contract.
2.6.7.3	Quality Inspection and Surveillance Report	The Contractor shall submit a copy of the Contractor Quality Inspection and Surveillance Report per Section F. The Contractor Quality Inspection and Surveillance Report shall include a summary and results of the quality inspection and surveillance events performed and assessment-driven corrective actions and process adjustments during the previous month. The Government may adjust the frequency of the submittal based on the Contractor's quality of performance.
2.6.8	Property Management Plan	The Contractor shall establish and maintain a plan that meets the contract clause requirements of Specification Item 2.4, Government-Furnished Property, Materials and Services, of this Annex. This plan shall identify the Contractor's policies, procedures, and practices in receiving and performing physical inventories, repairing and maintaining, preserving and protecting, and reporting the disposition of accepted government property in its possession. The Property Management Plan shall be submitted per Section F.
2.6.9	System and Equipment Replacement	N/A
2.7	Personnel Requirements	The Contractor shall comply with the personnel requirements stated below.
2.7.1	Key Personnel	<p>The Contractor shall submit a List of Key Personnel and Qualifications per Section F. The Contractor shall provide any additional information requested by the KO necessary to certify their qualifications.</p> <p>The Contractor shall submit an Organizational Chart per Section F showing lines of authority of the key personnel and on-site supervisor(s) for this contract. The chart shall include names of personnel and their position title in this contract. As a minimum, include the PM, Quality Manager, SSHO, and on-site supervisor(s) and who they will report directly to for this contract. The key personnel shall be revised as applicable for the contract.</p>
2.7.1.1	Project Manager (PM)	<p>The Contractor shall provide a PM and designated alternate, as applicable, who has the have full authority to act for the Contractor on all contract matters relating to this contract. The PM or alternate shall be available by telephone, radio or other means during the Government's regular working hours and shall be available on-site upon the Government's request as follows:</p> <p>Yokosuka: one hour  Atsugi and New Sanno Hotel: two hours  Sasebo, Iwakuni and Misawa: 24 hours</p> <p>The PM shall have satisfactory relevant experience at a comparable level</p>

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		of responsibility on contracts of similar size, scope and complexity.
2.7.1.2	Quality Manager	<p>The Contractor shall provide a Quality Manager or designated alternate shall be on-site within during the Government's regular working hours and shall be available on-site within two hours after after the Government's regular working hours. The Quality Manager must report directly to a senior corporate official and shall not report directly to the Project Manager.</p> <p>The Quality Manager shall have fulfilled the following pre-requisite training and experiences before being hired as the Quality Manager under this contract:</p> <p>The Quality Manager shall have satisfactory experience in preparing and enforcing QMS programs on contracts of similar size, scope and complexity. The Quality Manager may be the same person as the SSHO.</p>
2.7.1.3	Site Safety and Health Officer (SSHO)	<p>The SSHO must meet the requirements of EM 385-1-1 Section 1 and ensure that the requirements of 29 CFR 1926.16 are met for the project. Provide a Safety oversight team that includes a minimum of one Competent Person at each project site to function as the Site Safety and Health Officer (SSHO). The SSHO or an equally-qualified Designated Representative/alternate shall be on-site at all times when work is being performed to implement and administer the Contractor's safety program and government-accepted Accident Prevention Plan. The SSHO's training, experience, and qualifications shall be as required by EM 385-1-1 paragraph 01.A.17, entitled SITE SAFETY AND HEALTH OFFICER (SSHO), and all associated sub-paragraphs.</p> <p>A Competent Person shall be provided for all of the hazards identified in the Contractor's Safety and Health Program in accordance with the accepted Accident Prevention Plan, and shall be on-site at all times when the work that presents the hazards associated with their professional expertise is being performed. Provide the credentials of the Competent Persons(s) to the Contracting Officer for acceptance in consultation with the Safety Office.</p> <p>The Contractor shall provide a SSHO whose primary duty and responsibility is to prepare and enforce the Contractor's safety program on this contract. The SSHO shall have fulfilled the following pre-requisite training and experiences before being hired as the SSHO under this contract:</p> <p>The SSHO shall have satisfactory experience in preparing and enforcing safety programs on contracts of similar size and complexity in the past, and have completed the OSHA 30-hour construction safety class or equivalent. The SSHO shall maintain competency through 24 hours of formal safety and health related coursework every four years.</p> <p>Note: The Japan Construction Occupational Safety and Health Association (JCOSHA) provides the construction site safety and health management course "KOUJI SHUNIN COURSE", or "SHOCHOU COURSE", which is as acceptable equivalent to the 30 hours OSHA safety class. This training can be viewed at the JCOSHA website:  <a href="http://www.kensaibou.or.jp">http://www.kensaibou.or.jp</a> or  <a href="http://www.kensaibou.or.jp/english">http://www.kensaibou.or.jp/english</a>.</p>

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		The SSHO may be the same person as the Project Manager or Quality Manager but shall have fulfilled the pre-requisite qualification and experience. The SSHO shall be on site during operations and available on-site within one hour after the Government regular working hours.
2.7.1.4	Environmental/Energy Manager	N/A
2.7.2	Employee Requirements	The Contractor shall provide experienced, qualified, and capable personnel to perform the work in this contract. Personnel shall be fully knowledgeable of all safety, environmental, and energy requirements associated with the work they perform. Personnel shall speak, read, and comprehend English to the extent that they can perform the contract requirements and comply with installation emergency procedures.
2.7.2.1	Employee Certification and Training	The Contractor shall maintain personnel certification, training, and licensing records for employee requirements specified herein and within all technical annexes/sub-annexes. Certification, training, and licensing records shall be kept current and on file for the duration of the contract including all option periods. Records shall be made available for Government review within four hours of request.
2.7.2.2	Employee Appearance	The Contractor shall ensure that all employees present a professional appearance that is appropriate for their position. The KO reserves the right to determine the acceptability of any clothing worn. All Contractor/subcontractor employees working under this contract shall be identified by a distinctive nameplate, emblem, or patch attached in a prominent place on an outer garment. Employee identification shall not be substituted for station required passes or badges.
2.7.2.3	Employee Conduct	Contractor employees shall conduct themselves in a proper, efficient, courteous and businesslike manner.
2.7.2.4	Identification as Contractor Employee	Contractor employees shall identify themselves as Contractor personnel by introducing themselves or being introduced as Contractor personnel and displaying distinguishing badges or other visible identification for meetings with Government personnel. All Contractor employees shall appropriately identify themselves as contractor employees in telephone conversations and in formal and informal written correspondence.
2.7.2.5	Removal of Employees	The Contractor shall remove from the site any individual whose continued employment is deemed by the KO to be contrary to the public interest or inconsistent with the best interests of National Security.
2.7.2.6	Proof of Legal Residency	No employee or representative of the Contractor will be admitted to the site of work unless satisfactory Proof of Legal Residency is furnished per Section F.
2.7.3	Enterprise-wide Contractor Manpower Reporting Application (eCMRA)	The Contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via a secure data collection site. The contractor is required to completely fill in all required data fields using the following web address: <a href="https://doncmra.nmci.navy.mil">https://doncmra.nmci.navy.mil</a> .  Per Section F, reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk , linked at <a href="https://doncmra.nmci.navy.mil">https://doncmra.nmci.navy.mil</a> .
2.8	Security Requirements	The Contractor shall comply with all Federal, state, and local security

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		statutes, regulations, and requirements. The Contractor shall become acquainted with and comply with all Government regulations as posted, or as requested by the KO when required to enter a Government site. The Contractor shall ensure that all security/entrance clearances are obtained.
2.8.1	Employee Listing	The Contractor shall maintain a current Employee List and submit per Section F. The list shall include employee's name, supervisor, company, and level of security clearance.
2.8.2	Vehicles	The company name shall be displayed on each of the Contractor's vehicles in a manner and size that is clearly visible. All vehicles shall display a valid license plate and safety inspection sticker, if applicable and shall be maintained in good repair. Ten days prior to the start of the contract work, and as changes are made thereafter, the Contractor shall submit a list of vehicles of the Contractor and subcontractor to be usual utilized during the contract period (master vehicle list) to the security office of the Government facilities and the KO.
2.8.3	Passes and Badges	All Contractor employees shall obtain the required employee and vehicle passes. Each employee shall wear the Government issued badge over the front of the outer clothing. When an employee leaves the Contractor's service, the employee's Passes and Badges shall be returned within ten calendar days.
2.8.4	Access to Installation	N/A
2.8.5	Access to Buildings	The Contractor shall monitor and control access into restricted areas under their responsibility, allowing only those individuals who have been properly cleared into restricted areas or other controlled access areas. The Contractor shall comply with security requirements, plus those imposed by the installation Commander at all times. Personnel with access to special areas will have the appropriate screening and/or security clearance, and personnel requiring routine access to restricted areas will wear special badges authorizing access for those areas. Contractor personnel shall not enter restricted or controlled areas or installation facilities unless specifically authorized in performance of their duties. The Contractor shall secure all buildings and facilities entered during non-duty hours and will secure all building and facilities under the Contractor's cognizance at the end of each work day or shift period.
2.8.6	Access Arrangements	The Contractor shall make all arrangements through the appropriate office necessary to obtain access to buildings, facilities and other work areas, and when necessary, arrange for them to be opened and closed by the controlling authority. The Government may issue keys to the Contractor. The Contractor shall use due diligence and be responsible for compromised security systems to include replacement costs that result from its action or inaction.
2.8.6.1	Escort Arrangement for Secured Areas	The Contractor shall make arrangements for Government escort into secured areas requiring escort. The KO will provide information on applicable buildings, spaces and the appropriate point of contact.  The Contractor may experience delays while waiting for escorts. The Government estimates the wait period can be up to 15 minutes. The Contractor shall notify the Government Performance Assessment Representative (PAR) and appropriate point of contract if an escort is not available after 15 minutes and access to accomplish the work is denied. Unscheduled requirements may require a longer wait for an escort.
2.8.7	Security Clearances	N/A

<b>0200000 - Management and Administration</b>		
<b>Spec Item</b>	<b>Title</b>	<b>Description</b>
2.8.8	Access to Sensitive Unclassified Information	N/A
2.8.9	Employee Status	The Contractor shall notify the KO of any changes to any employee's status to include, but not limited to, termination, convictions/arrests, adverse actions taken on the job for any reason or any other documented misbehavior that may affect, or have the potential to affect, security standing in terms of access to federal facilities or IT systems.
2.9	Contractor Safety Program	The Contractor shall develop and implement a Safety Program detailing how the Contractor plans, staffs, performs, and controls all safety practices while delivering best value services to the Government without any accidents or mishaps. The Contractor's safety program shall comply with all safety standards identified in the U.S. Army Corps of Engineers Safety and Health Requirements Manual, EM 385-1-1 and Public Law 91-596, Occupational Safety and Health Act or Japanese equivalent Industrial Safety and Health Law (JISHA).
2.9.1	Accident Prevention Plan (APP)	<p>The Contractor shall develop and implement a site Accident Prevention Plan (APP). The APP shall be prepared by the Contractor's SSHO and shall be followed by all Contractor employees, subcontractors, and vendors at each service site.</p> <p>The APP shall follow the format and include all elements addressed in Appendix A of EM 385-1-1. The APP shall incorporate Activity Hazard Analyses (AHAs) and Occupational Risk and Compliance Plans and Programs that are relevant to the site specific hazards and controls for each activity and type of work that may be encountered in the performance of this contract.</p> <p>The Contractor shall submit an APP for acceptance per Section F. The Contractor shall review, update, and submit revisions to the APP whenever a change in work conditions, hazards, or activities occur. Submittal of the APP shall include Activity Hazard Analyses (AHAs) and Occupational Risk and Compliance Plans and Programs as specified below.</p>
2.9.2	Activity Hazard Analysis (AHA)	<p>The Contractor shall prepare Activity Hazard Analyses (AHAs) for all applicable common recurring work activities performed under this contract. AHAs for recurring work shall be submitted with the APP and shall be updated as work activities or conditions change and additional AHAs prepared as new work activities are required. AHAs for non-recurring and one-time (e.g., IDIQ task orders) work occurrences shall be submitted at least two working days prior to start of work. Specifically:</p> <ul style="list-style-type: none"> <li>• For FFP contract modifications where changes are germane to the original contract, the Contractor shall revise applicable AHAs within 15 calendar days after modification is signed.</li> <li>• For combination FFP/IDIQ contracts, the Contractor shall submit an AHA on task orders, with the associated proposal, whenever the service environment or required task is different from the firm-fixed-priced services.</li> <li>• For construction (including renovation or alteration) task orders placed on the IDIQ portion of contract, the Contractor shall submit a separate AHA for each task order with the associated proposal.</li> </ul>

<b>0200000 - Management and Administration</b>		
<b>Spec Item</b>	<b>Title</b>	<b>Description</b>
		<p>AHAs shall follow format of Figure 1-2 of EM 385-1-1 and shall explain the following as detailed in the EM 385-1-1:</p> <ul style="list-style-type: none"> <li>• The steps of the service process;</li> <li>• Identify potential hazards that exist as a result of the Contractor's service process within the environment;</li> <li>• Measures or plans of actions to safely remove potential hazards away from people in and around the service process and environment;</li> <li>• Specific materials and equipment necessary to safely remove potential hazards away from people in and around the service process and environment;</li> <li>• Inspection requirements to assure service activity is safe; and</li> <li>• Training of service personnel to be aware of potential hazards and measures or plans of actions to be used to remove hazards from service environment.</li> </ul> <p>During performance of services, the SSHO shall periodically review the AHA at each service site and for each sub-annex to assess the effectiveness of the Contractor's overall APP. If changes to the AHAs are required, such changes shall be submitted to the KO for review and acceptance.</p>
2.9.3	Occupational Risk and Compliance Plans	The Contractor shall develop, provide and implement occupational risk and compliance plans, as specified below, as necessary for the situation or types of work to be performed under this contract. These plans shall be submitted with the APP and shall be updated as situations change. Additional plans as referenced in Appendix A of EM 385-1-1 shall be developed as applicable when new types of work are required under this contract.
2.9.3.1	Abrasive Blasting Plan	N/A
2.9.3.2	Access/Haul Road Plan	N/A
2.9.3.3	Alcohol and Drug Abuse Prevention Plan	The Contractor shall develop an alcohol and drug abuse prevention plan to explain how it will satisfy the drug-free work force requirement as stated in DFARS Clause 252.223-7004 and include elements addressed in paragraph 01.C.02 of EM 385-1-1.
2.9.3.4	Asbestos Abatement Plan	N/A
2.9.3.5	Chemical Hazard Communication Program	N/A
2.9.3.6	Confined Space Program	The Contractor shall develop an activity/site-specific confined space program to include elements addressed in paragraph 34.A of EM 385-1-1 and comply with relevant requirements in 29 CFR 1910, 29 CFR 1915, and 29 CFR 1926, and any other Federal, state and local regulatory standards.
2.9.3.7	Critical Lift Plan	N/A
2.9.3.8	Demolition Plan	N/A
2.9.3.9	Emergency Response Plans	The Contractor shall develop emergency response plans to ensure safe evacuation and personnel safety in the event of fire or other emergency that include elements addressed in paragraphs 01.E, 03.A, 03.D, and 19.A.04 of EM 385-1-1.
2.9.3.10	Excavation/Trenching Plan	N/A

<b>0200000 - Management and Administration</b>		
<b>Spec Item</b>	<b>Title</b>	<b>Description</b>
2.9.3.11	Fall Prevention and Protection Plan	The Contractor shall develop a site specific fall prevention and protection plan to protect and prevent its service workers from falling from heights of 1.8m (6 feet) or more. This plan shall include elements addressed in paragraph 21.C of EM 385-1-1 and ANSI A10.32, ANSI Z359.1, and ANSI/ASSE A10.34. A competent person for fall protection shall prepare and sign the plan.
2.9.3.12	Fire Prevention Program	The Contractor shall develop a fire prevention program to include a fire prevention plan and annual survey to include elements addressed in paragraph 06.C and 09.A of EM 385-1-1, NFPA 10, NFPA 241, NFPA 51B, NFPA 70, and NFPA 70E.
2.9.3.13	Floating Plant Severe Weather Precaution Plan and Marine Emergency Plan	N/A
2.9.3.14	Hazardous Energy Control Program	N/A
2.9.3.15	Health Hazard Control Program and Hazard Communication Program	The Contractor shall develop a project-specific health hazard control program and chemical hazard communication program to include elements addressed in paragraphs 06.A and 06.B of EM 385-1-1 and 29 Code of Federal Regulations (CFR) 1910.120 or 1926.59 requirements.
2.9.3.16	Heat/Cold Stress Monitoring Plan	N/A
2.9.3.17	Lead Compliance and Abatement Plan	N/A
2.9.3.18	Radiation Safety Program	N/A
2.9.3.19	Respiratory Protection Program	The Contractor shall develop a respiratory protection program to include elements addressed in paragraph 05.G of EM 385-1-1 and the OSHA's respiratory protection standard specified in 29 CFR 1910.134.
2.9.3.20	Site Sanitation Plan	N/A
2.9.3.21	Temporary Facility Layout Plan	N/A
2.9.3.22	Underground Emergency Rescue Plan	N/A
2.9.4	Accident and Damage Reporting	<p>The Contractor shall notify the Contracting Officer as soon as practical, but no more than four hours after any accident meeting the definition of Recordable Injuries or Illnesses or High Visibility Accidents, property damage equal to or greater than ¥200,000, or any Weight Handling Equipment (WHE) accident. Within notification include Contractor name; contract title; type of contract; name of activity, installation or location where accident occurred; date and time of accident; names of personnel injured; extent of property damage, if any; extent of injury, if known, and brief description of accident (to include type of equipment used, PPE used, etc.). Preserve the conditions and evidence on the accident site until the Government investigation team arrives on-site and Government investigation is conducted.</p> <p>The Contractor shall conduct an accident investigation for recordable injuries and illnesses, for accidents requiring Medical Treatment, property damage accidents resulting in at least ¥200, 000 in damages, and near misses as defined in EM 385-1-1, to establish the root cause(s) of the accident. The Contractor shall complete the applicable NAVFAC Contractor Incident Reporting System (CIRS), and electronically submit</p>

0200000 - Management and Administration		
Spec Item	Title	Description
		<p>via the NAVFAC Enterprise Safety Applications Management System (ESAMS) per Section F. Required or special forms are provided within the Forms in J-0200000-05.1.</p> <p>For a near miss, the Contractor shall complete the applicable documentation in NAVFAC Contractor Incident Reporting System (CIRS), and electronically submit via the NAVFAC Enterprise Safety Applications Management System (ESAMS) per Section F.</p> <p>The Contractor shall conduct an accident investigation for any weight handling equipment accident (including rigging gear accidents) to establish the root cause(s) of the accident, complete the WHE Accident Report (Crane and Rigging Gear) form and submit per Section F. No crane operations are allowed to proceed until cause is determined and corrective actions have been implemented to the satisfaction of the Contracting Officer. The WHE accident report form is provided within the Forms (FIGURE 10-4) in NAVFACFEINST 11260.1G linked at <a href="https://www.navfac.navy.mil/content/dam/navfac/NAVFAC%20Pacific/NAVFAC%20Far%20East/PDFs/11260.1g.pdf">https://www.navfac.navy.mil/content/dam/navfac/NAVFAC%20Pacific/NAVFAC%20Far%20East/PDFs/11260.1g.pdf</a>.</p>
2.9.4.1	Accident Reporting and Notification Criteria	<p>The following criteria and definitions apply to the accident reporting requirements specified above:</p> <p>Recordable Injuries or Illnesses. Any work-related injury or illness that results in:</p> <ol style="list-style-type: none"> <li>1) Death, regardless of the time between the injury and death, or the length of the illness;</li> <li>2) Days away from work (any time lost after day of injury/illness onset);</li> <li>3) Restricted work;</li> <li>4) Transfer to another job;</li> <li>5) Medical treatment beyond first aid;</li> <li>6) Loss of consciousness; or</li> <li>7) A significant injury or illness diagnosed by a physician or other licensed health care professional, even if it did not result in (1) through (6) above.</li> </ol> <p>High Visibility Accident. Any mishap which may generate publicity or high visibility.</p> <p>Medical Treatment. Treatment administered by a physician or by registered professional personnel under the standing orders of a physician. Medical treatment does not include first aid treatment even through provided by a physician or registered personnel.</p> <p>WHE Accident. A WHE accident occurs when any one or more of the eight elements in the operating envelope fails to perform correctly during operation, including operation during maintenance or testing resulting in personnel injury or death; material or equipment damage; dropped load; derailment; two-blocking; overload; or collision, including unplanned contact between the load, crane, or other objects. A dropped load, derailment, two-blocking, overload and collision are considered accidents even though no material damage or injury occurs. A component failure (e.g., motor burnout, gear tooth failure, bearing failure) is not considered an accident solely due to material or equipment damage unless the</p>

<b>1502000 – Facility Investment Table of Content</b>	
<b>Spec Item</b>	<b>Title</b>
1	General Information
1.1	Concept of Operations
2	Management and Administration
2.1	Definitions and Acronyms
2.2	Personnel
2.2.1	Certification, Training, and Licensing
2.3	Special Requirements
2.3.1	Workmanship and Material Standards
2.3.2	Historical Preservation
2.4	References and Technical Documents
3	FFP Work
3.1	Inspection, Testing, and Certification Program
3.1.1	Boilers and UPVs
4	IDIQ Work

<b>1502000 – Facility Investment</b>		
<b>Spec Item</b>	<b>Title</b>	<b>Description</b>
1	General Information	The Contractor shall provide all labor, management, supervision, tools, material, and equipment required to perform Facility Investment services for ground structures and installed equipment and systems at Commander Fleet Activities Yokosuka (CFAY), Naval Air Facility Atsugi (NAFA), Commander Fleet Activities Sasebo (CFAS), Naval Air Facility Misawa (NAFM), Marine Corps Air Station Iwakuni (MCASI), Marine Corps Community Service Fuji (MCCS Fuji) and New Sanno Hotel, Tokyo.
1.1	Concept of Operations	<p>The intent of 1502000 Facility Investment is to specify the requirements for Sustainment, Restoration, and Modernization (SRM) sub-functions only. The Facility Investment requirements within this sub-annex primarily consist of infrastructure sustainment and minimal restoration and modernization work. Sustainment is the maintenance and repair necessary to keep an inventory of facilities and other assets in good working order. Restoration and modernization normally consists of major rehabilitation and capital improvements that is accomplished through other Navy programs. Some major repair, minor construction and stand-alone demolition may be accomplished as part of Facility Investment.</p> <p>The Contractor shall perform Inspection and certification for the following:</p> <p>Building Systems</p> <ul style="list-style-type: none"> <li>-Boilers</li> <li>-Unfired Pressure Vessels (UPV)</li> </ul>

<b>1502000 – Facility Investment</b>		
<b>Spec Item</b>	<b>Title</b>	<b>Description</b>
2	Management and Administration	
2.1	Definitions and Acronyms	Definitions and Acronyms are listed in J-1502000-01.
2.2	Personnel	The Contractor shall provide personnel with the qualifications, technical knowledge, experience and skills required for efficient operations within the FI function.
2.2.1	Certification, Training, and Licensing	<p>All maintenance and repair shall be performed by personnel trained and certified by the OEM.</p> <p>Personnel inspecting, witnessing tests, preparing reports, and issuing certificates for boilers and UPVs must be qualified per, Japanese Industrial Standards (JIS) Inspection and Certification of Boilers and Unfired Pressure Vessels and licensed by Japan.</p> <p>All maintenance trade personnel certifying or inspecting repair or maintenance work that does not require an inspector certified by a governing directive shall be qualified at the journeyman level</p> <p>The Contractor shall submit proof of all certification, training, and licensing requirements per Section F.</p>
2.3	Special Requirements	
2.3.1	Workmanship and Material Standards	The Contractor shall not allow debris to spread unnecessarily into adjacent areas nor accumulate in the work area. All such debris, excess material, and parts shall be cleaned up and removed at the completion of the job and at the end of each day work is in progress. Upon completion of work, any stains and other unsightly marks shall be removed.
2.3.2	Historical Preservation	Buildings and facilities designated as historical sites shall be maintained in accordance with Federal, state and local historical policies and regulations.
2.4	References and Technical Documents	References and Technical Documents are listed in J-1502000-02.

<b>1502000 – Facility Investment</b>				
<b>Spec Item</b>	<b>Title</b>	<b>Performance Objective</b>	<b>Related Information</b>	<b>Performance Standard</b>
3	FFP Work	The Contractor shall inspect test and certify ground structures and installed equipment and systems to ensure they are fully safe and in normal working condition.	The Contractor shall develop, implement, and execute an Inspection, Testing, and Certification Program to ground structures and installed equipment and systems.  Site maps are provided in J-1502000-04.	Ground structures and installed equipment and systems are in normal working condition and function properly in accordance with specified standards.
3.1	Inspection, Testing, and Certification Program	The Contractor shall provide inspection, testing, and certification services to ensure they are fully functional and operate safely.	The Contractor shall develop an inspection, testing, and certification program  The Contractor shall submit an inspection, testing, and certification program summary report per Section F.  The Government will provide a draft inspection schedule.  The Contractor shall submit an inspection, testing and certification schedule per Section F.  The Contractor shall submit an inspection certification sticker with term of validity per Section F.  The Contractor shall submit the following reports per Section F: <ul style="list-style-type: none"> <li>• Boiler Inspection Report</li> <li>• Unfired Pressure Vessel Inspection Report</li> <li>• Updated Inventory List</li> </ul>	All certifications are current.  Testing, inspection, and certification services performed and completed in accordance with the inspection, testing, and certification program and schedule.  Testing, inspection, and certification services performed in accordance with applicable references.
3.1.1	Boilers and UPVs	The Contractor shall test, inspect, and certify boilers and/or UPVs to ensure they are safe, fully functional and operate safely.	The Contractor shall perform inspection, and certification in accordance with the, Japanese Boiler and Pressure Vessel Code and Japanese Industrial Standards (JIS).  The Contractor shall immediately void any boiler inspection safety certificates upon the discovery of a safety deficiency regardless of the expiration date on the	Testing, inspection, and certification of boilers and/or UPVs performed and completed in accordance with the Inspection, Testing, and Certification Program and Schedule.  Boilers and/or UPVs are inspected, tested, and certified in accordance Japanese

<b>1502000 – Facility Investment</b>				
<b>Spec Item</b>	<b>Title</b>	<b>Performance Objective</b>	<b>Related Information</b>	<b>Performance Standard</b>
			<p>certificate. The certificate will again be valid only after the deficiency has been corrected and the boiler has been re-certified by an authorized boiler/UPV inspector.</p> <p>The Contractor shall provide a qualified Boiler/UPV Inspector for certification of boilers and UPVs.</p> <p>The boiler and/or UPV inventory and date of last certification is provided in J-1502000-05.</p> <p>The Government will be replacing Boiler/UPV throughout the contract with newer units, which may change, manufacturer, model, and types.</p> <p>The Contractor is responsible for Boiler/UPV under the FFP requirements.</p> <p>The Boiler/UPV inventory being certified and inspected may be exceeded or reduced by 10%.</p> <p>The Government will cool the Boiler/UPVs concerned, clean them and make other preparations required for the performance inspection.</p> <p>The Government will prepare 100% Boiler and 25% UPV annually for Internal Inspection.</p>	Industrial Standards (JIS) and Japanese Boiler and Pressure Vessel Code.

<b>1502000 – Facility Investment</b>				
<b>Spec Item</b>	<b>Title</b>	<b>Performance Objective</b>	<b>Related Information</b>	<b>Performance Standard</b>
4	IDIQ Work	IDIQ work may be ordered utilizing DoD EMALL in accordance with Section H or on a task order in accordance with the PROCEDURES FOR ISSUING ORDERS clause in Section G. The order will specify the exact locations and types of work to be accomplished. The period of performance will be specified in each order.	Refer to IDIQ ELINs for task listings, descriptions and related requirements. All periods of performance are measured from issue date of order to acceptance of the work. Performance Standards for IDIQ work will be the same as those in Spec Item 3 where applicable.	

0200000 – Management and Administration

SECTION F: DELIVERIES OR PERFORMANCE

DELIVERABLES						
Annex/ Spec Item	Form Attachment Number	Deliverable Title	Date (s) of Submission	Distribution		Frequency
				Original	Copies (including original)	
0200000/ 2.2.1.2	N/A	Request to Work Outside Government's Regular Working Hours	At least seven calendar days prior to requested day.	KO	1	As required
0200000/ 2.3.4	N/A	Permits and Licenses	Before work commences and as requested by the KO.	KO	1	As specified
0200000/ 2.3.5	N/A	Certificate of Insurance	Within 15 calendar days after award.	KO	1	As specified
0200000/ 2.6.7.1	N/A	Quality Management Plan	Within 15 calendar days after award and within seven calendar days of changes.	KO	1	As specified
0200000/ 2.6.7.2	N/A	QC Inspection File	Within five calendar days of completion/ termination of the contract.	KO	1	As specified
0200000/ 2.6.7.3	J-0200000-05-06	Contractor Quality Inspection and Surveillance Report	First work day of each month.	KO	1	Monthly
0200000/ 2.6.8	N/A	Property Management Plan	Within 45 calendar days after award.	KO	1	As specified
0200000/ 2.7.1	N/A	List of Key Personnel and Qualifications	Within 15 calendar days after award.	KO	1	As specified
0200000/ 2.7.1	N/A	Organizational Chart	Within 15 calendar days after award.	KO	1	As specified
0200000/ 2.7.2.6	N/A	Proof of Legal Residency	Prior to be admitted to site of work.	KO	1	As specified

DELIVERABLES						
Annex/ Spec Item	Form Attachment Number	Deliverable Title	Date (s) of Submission	Distribution		Frequency
				Original	Copies (including original)	
0200000/ 2.7.3	N/A	Contractor Labor Hours (eCMRA) Report	No later than 31 October	KO	1	Annually for labor executed during the period of performance during each Government fiscal year (FY)
0200000/ 2.8.1	N/A	Employee List	Upon request.	KO	1	As required
0200000/ 2.8.2	N/A	Vehicle List	Ten days prior to start to work.	Security office of Governme nt and KO	2	As required
0200000/ 2.9.1	N/A	Accident Prevention Plan	Within 15 calendar days after award and within seven calendar days of changes.	KO	1	As specified
0200000/ 2.9.2	N/A	Activity Hazard Analysis for recurring work	Together with the Accident Prevention Plan and for changes.	KO	1	As specified
0200000/ 2.9.2	N/A	Activity Hazard Analysis for non- recurring work and one-time	At least two working days prior to start to work	KO	1	As specified
0200000/ 2.9.3	N/A	Occupational Risk and Compliance Plans and Programs	Together with the Accident Prevention Plan and for changes.	KO	1	As specified
0200000/ 2.9.4	J-0200000-05.1	NAVFAC Contractor Incident Reporting System (CIRS)	Within five calendar days of accident.	KO	1	As required
0200000/ 2.9.4	FIGURE 10-4 in NAVFACFEINS T 11260.1G	Weight Handling Equipment Accident Report	Within 30 calendar day of accident.	KO	1	As required
0200000/ 2.9.6	N/A	Monthly On-Site Labor Report	First work day of each month.	KO	1	Monthly
0200000/ 2.9.7	N/A	OSHA Citations and Violations Corrective Action Report	Within 48 hours after receiving a citation.	KO	1	As required

DELIVERABLES						
Annex/ Spec Item	Form Attachment Number	Deliverable Title	Date (s) of Submission	Distribution		Frequency
				Original	Copies (including original)	
0200000/ 2.9.9	N/A	Safety Certifications	Within 15 calendar days after award and as old certifications expire.	KO	1	As specified

1502000 – Facility Investment

SECTION F: DELIVERIES OR PERFORMANCE

DELIVERABLES						
Annex/ Spec Item	Form Attachment Number	Deliverable Title	Date (s) of Submission	Distribution		Frequency
				Original	Copies (including original)	
1502000/ 2.2.1	N/A	Certification and Licenses	Within 15 days after award or as requested by the KO	KO	1	Once for initial submittal, within seven calendar days of changes and as requested
1502000/ 3.1	N/A	Inspection, Testing, and Certification Program Summary Report	First work day of each month	KO	2	Monthly
1502000/ 3.1	N/A	Inspection, Testing and Certification Schedule	As requested by the KO	KO	2	As specified
1502000/ 3.1	N/A	Inspection Certificate for Boiler	Upon completion of certification	KO	2	Within five business days of certification
1502000/ 3.1	N/A	Inspection Certificate for UPV	Upon completion of certification	KO	2	Within five business days of certification
1502000/ 3.1	N/A	Inspection Certification Sticker for Boiler/UPV	Upon completion of certification	KO	2	Within five business days of certification
1502000/ 3.1	J-1502000-03.01	Boiler Inspection Report (ボイラー 性能検査結果報告書)	Within 15 <sup>th</sup> day of next month after Inspected	KO	2	As specified
1502000/ 3.1	J-1502000-03.02	Unfired Pressure Vessel Inspection Report (第一種圧力容器 性能検査結果報告書)	Within 15 <sup>th</sup> day of next month after Inspected	KO	2	As specified
1502000/ 3.1	J-1502000-03-03	Updated Inventory List	Last day of the contract period	KO	2	Annually

Note:

Need to discuss if any hard copies are required and how many copies.

SECTION J  
DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS  
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<u>ATTACHMENT NUMBER</u>	<u>ATTACHMENT TITLE</u>
J-0200000-01	DEFINITIONS AND ACRONYMS
J-0200000-02	REQUIRED CONFERENCES AND MEETINGS
J-0200000-03	REFERENCES, INSTRUCTIONS, DIRECTIVES
J-0200000-04	INVOICING PROCEDURES
J-0200000-05	FORMS
J-0200000-06	FIRE PREVENTION
J-0200000-07	EXHIBIT LINE ITEM NUMBERS

ATTACHMENT J-0200000-01

DEFINITIONS AND ACRONYMS

<b>Definition</b>	<b>Description</b>
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.
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.
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.
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.
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.
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".
Monthly On-Site Labor Report	A compilation of all Contractor and subcontractor employee-hours involved in delivering contract services on a Government property.
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)	That individual designated by the KO to be responsible for the monitoring of Contractor performance.

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 Control (QC)	A method used by the Contractor to control the quality of goods and services produced.
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.
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.

<b>Acronym</b>	<b>Title</b>
ACO	Administrative Contracting Officer
CDR	Contract Discrepancy Report
CIA	Controlled Industrial Area
COR	Condition of Readiness
DBH	Diameter at Breast Height
DoD	Department of Defense
DoN	Department of Navy
EPA	Environmental Protection Agency
EPCRA	Emergency Planning and Community Right-to-Know Act
FAR	Federal Acquisition Regulation
FFP	Firm Fixed Price
FSC	Facility Support Contract
GFE	Government-furnished Equipment
GFF	Government-furnished Facilities
GFM	Government-furnished Materials
GPWS	Guide Performance Work Statements
HCA	Head Contracting Agency
IDIQ	Indefinite Delivery Indefinite Quantity
KO	Contracting Officer
MSDS	Material Safety Data Sheets
NAVFAC	Naval Facilities Engineering Command
NOSC	Navy-On-Scene Coordinator
PAP	Performance Assessment Plan
PAR	Performance Assessment Representative
PAW	Performance Assessment Worksheet
PM	Project Manager
PRCSP	Permit Required Confined Space Program
PWS	Performance Work Statement
QC	Quality Control
SPAR	Senior Performance Assessment Representative
TE	Technical Exhibit
USFJ	US Forces Japan
VIQ	Variation in Quantity
WBS	Work Breakdown Structure

ATTACHMENT J-0200000-02

REQUIRED CONFERENCE AND MEETING

SECTION	ANNEX/SPEC ITEM	DESCRIPTION
1	0200000-2.3.1	Pre Performance Conference
2	0200000-2.3.1	Performance Evaluation Meeting
3	0200000-2.3.2	Partnering Meeting
4	0200000-2.9.5	Fire Prevention Briefing

## ATTACHMENT J-0200000-03

## REFERENCES, INSTRUCTIONS, DIRECTIVES

<u>Reference</u>	<u>Title</u>
EM 385-1-1	U.S. Army Corps of Engineers Safety and Health Requirements <a href="http://www.usace.army.mil/CESO/Documents/EM385-1-1FINAL.pdf">http://www.usace.army.mil/CESO/Documents/EM385-1-1FINAL.pdf</a>
P.L. 91-596	Occupational Safety and Health Act
UFGS 01 35 26	Unified Facilities Guide Specifications for Governmental Safety Requirements
NAVFACINST 11013.40	Naval Facilities Engineering Command Instruction Partnering Policy
NAVFACINST 11260.1G	Naval Facilities Engineering Command Instruction Partnering Policy <a href="https://www.navfac.navy.mil/content/dam/navfac/NAVFAC%20Pacific/NAVFAC%20Far%20East/PDFs/11260.1g.pdf">https://www.navfac.navy.mil/content/dam/navfac/NAVFAC%20Pacific/NAVFAC%20Far%20East/PDFs/11260.1g.pdf</a>
JISHA	Japanese Industrial Safety and Health Law
JEGS	Japanese Environmental Governing Standards
29 CFR	Code of Federal Regulations <a href="http://www.gpoaccess.gov/cfr/index.html">http://www.gpoaccess.gov/cfr/index.html</a>
Rodo Anzen-Eisei Ho, & Rodo Anzen-Eisei Kisoku	Law and regulation of Industrial Safety and Health for Labor <a href="http://law.e-gov.go.jp/htmldata/S47/S47HO057.html">http://law.e-gov.go.jp/htmldata/S47/S47HO057.html</a> <a href="http://law.e-gov.go.jp/htmldata/S47/S47F04101000032.html">http://law.e-gov.go.jp/htmldata/S47/S47F04101000032.html</a>
WAWF	Wide Area Work Flow <a href="https://wawf.eb.mil/">https://wawf.eb.mil/</a>

Note: Latest version of references shall be applied.

ATTACHMENT J-0200000-04

INVOICING PROCEDURES

Contractor's invoice for services performed shall include:

1. NAVFAC invoice cover form: NAVFAC 7300/30  
(Referred to at the NAVFAC website: <https://portal.navfac.navy.mil/>)

2. Original invoice that includes the following:

Contractor name, address, phone number and point of contact

Invoice number

Invoice date

Contract number and applicable task order numbers

Period that services were performed

Contractor line item breakdown (item number, quantity, unit, unit price and total amount)

Invoice total

Typed name, title and signature of contractor's representative.

Submit a monthly invoice for FFP work and a separate invoice for each Task Order.

United States based contractors are required to submit their invoices via WAWF. See Section G for processing invoices using WAWF.

ATTACHMENT J-0200000-05		
FORMS		
ITEM	DESCRIPTION	LOCATION
1	NAVY CONTRACTOR INCIDENT REPORTING SYSTEM (CIRS)	J-200000-05-01
2	CONTRACTOR'S INVOICE	J-200000-05-02
3	USFJ SIGNIFICANT SPILL REPORT	J-200000-05-03
4	NON-SIGNIFICANT SPILL REPORT	J-200000-05-04
5	ENERGIZED ELECTRICAL WORK PERMIT	J-200000-05-05
6	CONTRACTOR QUALITY CONTROL REPORT	J-200000-05-06

ATTACHMENT J-0200000-05-01
NAVY CONTRACTOR INCIDENT REPORTING SYSTEM (CIRS)

This form will be provided separately.

Initial Report

Follow-up Report

Final Report

Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

**Contractor Incident Report System (CIRS)**

1. Contract Information		Incident Information	
Prime Contractor:		Cage Code:	
Contract Number:		Installation of Incident:	
Task Order #:		Contracting Activity/ROICC Office:	
Contractor Contact Information			
Name (Last, First):		Phone #:	
Email Address:		Date Notified:	
2. Incident Type		(Please Circle All That Apply)	
Assault/Violent Act	Extreme Environmental Exposure	Man over the side (No water entry)	
Diving	Falls, slip, trip, or bodily exertion	Man Overboard - Water Entry	
Electrical Shock/Burns	Fires - All Types	Material Handling Equipment	
Equipment Installation/Repair	Hazardous Material (any type)	Ordnance-Related (Explosive)	
Explosion, Non-Ordnance	<b>Industrial</b> (Select Additional Below)	Vehicle (Government or Private)	
Industrial Incident Additional Information		(Please Circle All That Apply)	
Confined Space	Hand and Power Tools	Work Platforms and Scaffolding	
Demolition/Renovation	Rigging	Underground Construction, Shafts, and Caissons	
Trenching/Entrapment	Cranes and Hoisting Equipment	Concrete, Masonry, Steel Erection and Residential Construction	
Traffic Control	Floating Plant and Marine Activities	Tree Maintenance and Removal	
Welding and Cutting	Pressurized Equipment and System	Airfield and Aircraft Operations	
Control of Hazardous Energy	Fall Protection		

<b>3. General Information</b>	<b>Incident Information</b>
<b>Date of Accident:</b>	<b>Time of Accident:</b>
<b>Describe the accident in detail in your words: (Use the back of page if you need additional space)</b>	
<b>Exact Location of Accident:</b>	
<b>Were Hazardous Material(s) Involved</b> Yes      No <b>If Yes, Explain What Hazardous Materials Were Involved and Why:</b>	
<b>Who Provided Clean-up?</b> Onsite      Base      Public	
<b>Activity of the injured person at the time of incident:</b>	
<b>Personal Protective Equipment: (Circle Response)</b>  <div style="display: flex; justify-content: space-around;"> <span>Available and used</span> <span>Available and not used</span> <span>Not Required</span> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <span>Not related to Mishap</span> <span>Wrong PPE for job</span> </div> <b>List PPE Used:</b>	

**4. Fully Explain What Allowed or Caused the Incident: Incident Information**

**Direct Cause:**

**Indirect Cause:**

**Additional Action Taken:** (Please Include a Begin Date and Est. End Date in Description)

**Additional Action Taken:** (Please Include a Begin Date and Est. End Date in Description) *(Use the back of page if you need additional space)*

**5. Contributing Factors:**

<b>Was Visibility Restricted?</b> Yes      No	<b>Distance Visibility was restricted:</b>
---	--

<b>Unit of Measure (Check/Bold):</b>	Feet	Yards	Meters	Miles	Nautical Miles
--------------------------------------	------	-------	--------	-------	----------------

**Visibility Restricted By: (Circle all that apply)**

Fog	Smoke	Rain	Sleet	Snow
Mist	Dust	Sandstorm	Unknown Object	Other:

**Lighting Conditions at Site of Mishap:**

(Please Check)

Adequate      Inadequate      Unknown

**Was Noise Level a Factor:**

(Please Circle)

Yes      No      Unknown

**Was Carbon Monoxide (CO) a Factor:**(Please Circle)

Yes      No

**If Yes CO Alarm Manufacturer:**



1. Injured Data			(if applicable) Person #	
Age:	Gender: (Circle) Male      Female	Contractor Name:	Contractor Name:	
2. General Information				
Drug or Alcohol Involved: (Circle all that apply)				
None	Unknown	Alcohol	Drugs	Alcohol and Drugs
Who Provided First Aid?      Onsite      Base      Public				
Was Ergonomics a Factor: (Circle)      Yes      No				
Type of Ergonomic Injury: (Circle All That Apply)				
Lifting	Positioning	Bending	Equipment Placement Office	
Equipment Placement Industrial		Repetitive Motion	Impact Strain	
3. Injury Illness/Fatality Information				
Severity of Injury/Illness: (Circle)				
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	
Where There Days Lost: (Circle)		Where There Days Hospitalized: (Circle)		Where There Days Restricted Duty: (Circle)
Yes      No		Yes      No		Yes      No
Part of Body Affected:				
Nature of Injury or Illness:				
Event or Exposure:				
Source of Injury or Illness:				
General Location Description:				
Injury Activity Code:				

<b>4. License</b>			<b>(if applicable) Person #</b>
Are Appropriate License and Certification/Medical Current: (Circle)    Yes    No  Describe or Explain:			
<b>Attach Image of License or Certification Name/Description:</b>	<b>Date Added:</b>	<b>Uploaded By:</b>	
<b>5. Training</b>			
Was all the contract-required training provided to the employee: (Circle)    Yes    No  Explain:			
<b>6. Attached Documents</b>			
<b>Attached Documents Name/Description:</b>	<b>Date Added:</b>	<b>Uploaded By:</b>	



**4. License (if applicable) Property Damage**

Are Appropriate License and Certification/Medical Current: (Circle) Yes No

Describe or Explain:

Attach Image of License or Certification Name/Description:	Date Added:	Uploaded By:

**5. Training**

Was all the contract-required training provided to the employee? (Circle) Yes No

Explain:

**Complete Only Sections Appropriate to Incident (Rev. 03/11).**

**NOTE: THE ATTACHED CIRS 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 pages 5-6. A report needs to be completed for all OSHA recordable accidents and property damage cases. Please type or print legibly. Appropriate items shall be **(Circled)**, 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: (Circle)**

**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.

**Incident Information****Section 1 Contract Information – Incident Information**

**Prime Contractor:** Name as it appears on contract documents.

**Cage Code:** If known.

**Contract Number:** Number as it appears on the contract documents.

**Installation:** Name of installation where incident occurred.

**Task Order #:** Insert number if applicable.

**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.).

**Contractor Contact Information:** (Contractor point of contact information for the individual responsible for completing the form) Self Explanatory

**Section 2 Incident Type:** Check/Bold most applicable category, if you select Industrial you must Check/Bold at least one additional category from the **Industrial Incident Additional Information Section**.

**Section 3 General Information Incident Information**

**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.).

**Describe the Accident in Detail in your words:** 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 4 (Fully Explain What Allowed or Caused the Incident - Incident Information) below before completing.

**Exact Location of Accident:** Enter facts needed to locate the accident scene (e.g. installation/project name, building/room number, street, direction and distance from closest landmark, etc.).

**Were Hazardous Material(s) Involved**      Yes      No

**If Yes, Explain What Hazardous Materials Were Involved and Why:** Check or Bold appropriate block and list name(s) and quantities of hazardous materials spilled/released during the mishap. List why the hazardous chemicals were being used.

**Activity at the time of incident:** What type of work/task was being performed by the injured when the injury took place or property damage occurred.

**Personal Protective Equipment–** Check/Bold appropriate items 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.)

#### **Section 4 Fully Explain What Allowed or Caused the Incident - Incident Information**

**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).

**Additional Action Taken:** Fully describe all the actions taken, anticipated, and recommended to eliminate the cause(s) and prevent reoccurrence of similar accidents/illnesses. Continue in the additional box and or on additional sheets of paper if necessary to fully explain and attach to the completed report form.

#### **Please Include a Begin Date and Estimated Completion Date in Description**

(1) Begin: Enter the date when the corrective action(s) identified above will begin.

(2) Est. End Date - Enter the date when the corrective action(s) identified above will be completed.

**Section 5 Contributing Factors Incident Information:** Check/Bold appropriate items fill in information where required

**Other Contributing Factors:** Describe in detail any additional contributing factors not listed in previous information provided.

**Section 6 Attached Documents:** Provide the appropriate information for each document/file attached or uploaded.

## **Injured Data Person #**

Complete Pages 5 and 6 for each injured person At the upper right hand corner of page 5 and 6 differentiate between each person by using a numerical value (e.g. Person #1, Person #, Person #3, etc.)

**Section 1 Injured Data:** Fill in all applicable information, Check/bold appropriate responses.

#### **Section 2 General Information:**

(Circle)appropriate responses

**Section 3 Injury/Illness Fatality Information:** Check/bold appropriate responses

**Part of Body 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:** Describes the manner in which the injury or illness was inflicted or produced. It attempts to answer the broad question of “how” work injuries and illnesses occurred. (e.g. Fall, Struck By, Caught By, Repetitive Motion, Rubbed or Abraded By, etc.)

**Event or Exposure:** Describes what was produced by the injury or illness was produced or inflicted. (e.g. Infectious Parasitic Diseases, Traumatic Injuries and Disorders, Open Wounds, Burns, Intracranial Injuries, etc.)

**Source of Injury Illness:** Identifies the object, substance, bodily motion, or exposure, which directly produced or inflicted the previously identified injury or illness. (e.g. Acids, Chemical Products, Furniture and Fixtures, Machinery, Structures and Surfaces, Tools Instruments and Equipment, etc.)

**General Location Description:** Describes where the injury occurred (e.g. Industrial Facilities, Operational Industrial Building Plant , Roadway, etc.)

**Injury Activity Code:** Describes what the injured person was doing when the injury occurred. (e.g. Operating Type of Equipment, Construction Activity Being Performed, Industrial Operation Being Conducted, etc.)

#### **Section 4 License:**

**Are Appropriate License and Certification/Medical Current:** Did the injured employee have the appropriate license/certification or medical evaluations completed to conduct the work/task being performed.

**Describe/Explain:** Describe the required (licensing/certification/medical evaluation) for job/task being performed, date when license was issued, and expiration date. (e.g. "Powdered Actuated Tools, Hilti DX-350, License issued 11/29/2011, expires 3-years from issue date." "Respirator Semi Annual Medical Evaluation, conducted 12/30/2011, expires on 12/30/2013", etc.)

**Attach Image of License or Certification:** Self-Explanatory

#### **Section 5 Training:**

**Was all the contract-required training provided to the employee:** Self-Explanatory

**Explain:** If no, to the previous questions explain why the employee was not trained.

#### **Section 6 Attached Documents:**

Self-Explanatory use this for photos, drawings, diagrams, or other relevant documents.

## **Property Damage**

**Section 1 Involved Person Data:** Fill in all applicable information, Check/bold appropriate responses.

#### **Section 2 Attached Documents:**

Self-Explanatory use this for photos, drawings, diagrams, or other relevant documents.

#### **Section 3 Property Damaged:**

Check/bold appropriate responses. Other Headings Self-Explanatory.

#### **Section 4 License:**

**Are Appropriate License and Certification/Medical Current:** Did the equipment operator have the appropriate license/certification or medical evaluations completed to conduct the work/task being performed.

**Describe/Explain:** Describe the required (licensing/certification/medical evaluation) for job/task being performed, date when license was issued, and expiration date. (e.g. "State Issued Driver, License issued 11/29/2011, expires on MM/DD/YYYY" "Scissor Lift, JLG Model 260MRT conducted 12/30/2011, does not expire.")

**Attach Image of License or Certification:** Self-Explanatory

#### **Section 5 Training:**

**Was all the contract-required training provided to the employee:** Self-Explanatory

ATTACHMENT J-0200000-05-02
CONTRACTOR'S INVOICE

CONTRACTOR'S INVOICE is attached following page.

NAVFAC 7300/30  
(rev 2/01)

**CONTRACTOR'S INVOICE  
NAVAL FACILITIES ENGINEERING COMMAND**

**1. CONTRACTOR'S INVOICE**

From \_\_\_\_\_ Invoice Date \_\_\_\_\_  
 \_\_\_\_\_ Invoice Number \_\_\_\_\_

POC/Telephone/email for this invoice: \_\_\_\_\_

To: Contract Specialist: \_\_\_\_\_

**Below is a Statement of Performance under Contract** \_\_\_\_\_ **Task Order** \_\_\_\_\_  
**for** \_\_\_\_\_ **at** \_\_\_\_\_

The enclosure provides breakdown of this statement of performance.

A. Total value of contract/task order through change	_____	¥
B. Percentage of performance complete	_____ %	
C. Value of completed performance	_____	¥
D. Less total of prior payments	_____	¥
E. Amount of this invoice	_____	¥

Signature and Title: \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Authorized Representative

Taxpayer Identification No. (TIN): \_\_\_\_\_

Electric funds transfer (EFT) banking information (if applicable): \_\_\_\_\_

**2. FIRST ENDORSEMENT**

**Receipt and Acceptance Certification**

From: Accountable Official \_\_\_\_\_

To: Certifying Officer \_\_\_\_\_

**1. Payment is recommended as follows:**

A. Amount of work completed to (date)	_____	¥
B. Less:		
Retention	_____	¥
Other Deductions	_____	¥
C. Subtotal		¥
D. Less previous payments		¥
E. Certified amount for payment # _____ on TO # _____		¥
F. Elapsed contract time (if applicable)	_____	

ATTACHMENT J-0200000-05-03  
USFJ SIGNIFICANT SPILL REPORT

USFJ SPILL REPORT		
<p>• THIS TABLE PROVIDES THE MINIMUM INFORMATION REQUIRED FOR A SPILL REPORT TO USFJ.</p> <p>• IAW JAPAN ENVIRONMENTAL GOVERNANCE STANDARD (JEGS), ALL KNOWN OR SUSPECTED POLLUTION INCIDENTS WHICH MEET OR EXCEED THE REPORTING REQUIREMENTS IN PARAGRAPH 4, OF ATTACHMENT 15, TO USFJ INSTRUCTION 23-101 REQUIRE AN INITIAL REPORT BE SUBMITTED W/O IN 4 HOURS OF OCCURRENCE TO THE USFJ COMMAND CENTER (24 HOUR OPERATIONS) AT THE FOLLOWING NUMBERS: DSN 223-3088/0000, UNCLASSIFIED FAX 225-0200.</p> <p>• THE COMMAND CENTER WILL NOTIFY APPROPRIATE USFJ S-AH SECTIONS (J3, J42E, J43P, J06, DESC-J).</p>		
<b>1. REPORTER'S INFORMATION</b>		
REPORTER'S NAME		ORGANIZATION
RANK	TELEPHONE	FAX
<b>2. DATE AND TIME OF REPORT</b>		
(a) DATE	(b) TIME	
<b>3. SPILL INCIDENT DATA</b>		
(a) DATE	(b) TIME	(c) WEATHER CONDITION
(d) LOCATION	(e) NAME OF MATERIALS SPILLED (AUG. WFO)	(f) TOTAL VOLUME OF SPILL
(g) BRIEF DESCRIPTION OF SPILL INCIDENT		
(h) NAME OF PARTY(IES) INVOLVED WITH THE SPILL INCIDENT		(i) IS THIS DSC OWNED FUEL? YES <input type="checkbox"/> NO <input type="checkbox"/> N/A <input type="checkbox"/> IF YES, IS CLEAN-UP SUPPORT AND/OR FUNDING REQUIRED? Y/N <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/>
<b>4. COUNTERMEASURE DATA</b>		
(a) COUNTERMEASURE ACTION TAKEN TO CONTAIN/CLEANUP THE SPILL INCIDENT		
(b) VOLUME OF PRODUCT RECOVERED	(c) NAME OF PARTY/PARTIES INVOLVED WITH THE CLEANUP ACTION	
<b>5. SAFETY &amp; ENVIRONMENTAL IMPACT</b>		
(a) PROTECTIVE EQUIPMENT(S) USED DURING THE CLEANUP ACTION		
(b) PERSON(S) INJURED FROM THE SPILL INCIDENT		
(c) MEASURES TAKEN TO PREVENT REOCCURRENCE OF THE SPILL INCIDENT		
(d) FACILITY AND GEOGRAPHIC AREA AFFECTED BY THE SPILL INCIDENT		
(e) DOES SPILL GO OFF BASE AND/OR IMPACT THE ENVIRONMENT OFF BASE? YES <input type="checkbox"/> NO <input type="checkbox"/> IF YES, PLEASE EXPLAIN		
<b>6. PUBLIC RELATIONS</b>		
(a) HAS THIS BEEN NOTIFIED US SIDE		
JAPANESE SIDE (IF ANY, SEE USJI 23-101 AND CHAPTER 15 OF T-3E JEGS)		
(b) LOCAL REACTION AND PRESS COVERAGE INVOLVED (IF ANY)		

USFJ FORM 50, 20040131(EF)



ATTACHMENT J-0200000-05-05
ENERGIZED ELECTRICAL WORK PERMIT

**NAVFAC FAR EAST  
Energized Electrical Work Permit**

**Part I: Request for Special Permission** Contract # / Task Order # \_\_\_\_\_

1. Description of circuit/equipment:					
2. Job Location:					
3. Description of work to be done					
4. Justification of why the circuit/equipment cannot be de-energized:					
5. Anticipated duration of work requiring special permission:	(hours/minutes)	On (date)			
6. Means employed to restrict access of unqualified persons:					
7. Voltage:					
8. Approach boundaries: (distance)	Limited	Restricted	Prohibited	Flash	
9. Description of work practices to be followed:					
10. PPE to be used: (in addition to required daily wear)	Leather Gloves		Y	N	
	Voltage Rated Rubber Gloves with Leather Protectors		Y	N	
	Safety Glasses		Y	N	
	Arc Flash Face Shield rated 10-cal/cm sq or more		Y	N	
	Arc Flash Hood rated 20-cal/cm sq or more		Y	N	
	Hard Hat		Y	N	
	Balaclava (Head Sock)		Y	N	
	Hearing Protection (single level)		Y	N	
Voltage Rated Tools		Y	N		
Hazard Risk 3 Clothing		Y	N		
Source of Lighting:	Outside Daylight	Inside Existing Artificial	Temporary Portable Lighting	(AC)	Battery

Name of Employee(s) Assigned to Job: \_\_\_\_\_

Requested by \_\_\_\_\_ Date \_\_\_\_\_

PWO/ROICC \_\_\_\_\_ Activity \_\_\_\_\_ Date \_\_\_\_\_

**Part II: Approval**

Reviewed by: \_\_\_\_\_ Date \_\_\_\_\_  
NAVFAC Far East Operations Officer

Approved by: \_\_\_\_\_ Date \_\_\_\_\_  
NAVFAC Far East Commanding Officer

ATTACHMENT J-0200000-05-06  
 CONTRACTOR QUALITY CONTROL REPORT

CONTRACTOR QUALITY CONTROL REPORT (ATTACH ADDITIONAL SHEETS IF NECESSARY)			DATE REPORT NO
PHASE	CONTRACT NO	CONTRACT TITLE	
<b>PREPARATORY</b>	WAS PREPARATORY PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input type="checkbox"/> IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
<b>INITIAL</b>	WAS INITIAL PHASE WORK PERFORMED TODAY? YES <input type="checkbox"/> NO <input type="checkbox"/> IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.		
	Schedule Activity No.	Definable Feature of Work	Index #
<b>FOLLOW-UP</b>	WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES <input type="checkbox"/> NO <input type="checkbox"/> WORK COMPLIES WITH SAFETY REQUIREMENTS? YES <input type="checkbox"/> NO <input type="checkbox"/>		
	Schedule Activity No.	Definable Feature of Work, Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present	
REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Definable Feature of Work and Description	Schedule Activity No.	Definable Feature of Work and Description
REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO", Manuf. Rep On-Site, etc.)			
Schedule Activity No.	Definable Feature of Work and Description		
On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.			
AUTHORIZED QC MANAGER AT SITE			DATE
<b>GOVERNMENT QUALITY ASSURANCE REPORT</b>			DATE
QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT			
Schedule Activity No.	Definable Feature of Work and Description		
GOVERNMENT QUALITY ASSURANCE MANAGER			DATE



ATTACHMENT J-0200000-06
FIRE PREVENTION

1. All contractors who will perform construction or operations in U.S. Navy Facilities shall perform the operation safely and abide by Fire Regulations.
2. Permission from the Fire Department is required prior to performing the following operations:
  - a) Hot Work Permit – Fire Prevention Division
  - b) Temporary Huts – Fire Prevention Division after approval from Contracting Officer
  - c) Blocking Streets - Fire Prevention Division after approval from Contracting Officer
  - d) Hydrant Shut-off - Fire Prevention Division after approval from Contracting Officer
3. Notice to the Fire Department is required prior to performing the following operations:
  - a) Disconnection, reinstallation, testing or removal of fire protection equipment – Fire Prevention Division

Fire Prevention Services are available Monday through Friday from 0730 to 1600.

Current Location	Responding Fire Station (Bldg Number)	On-Base Phone	Commercial Phone
Commander Fleet Activities Yokosuka			
Yokosuka Main Base	Fire Station (3816)	243-5292	
Ikego	Fire Station 2 (691)	246-8011	046-872-1088
Taura	Fire Station 3	243-0342	046-866-4373
Azuma Island (Hakozaki)		243-0583	046-827-3514
Tsurumi (OU-1 and OU-2)	Fire Station 6 (OU-2)	243-0825	045-501-7406
Negishi	Fire Station 5(20013)	242-4188/4828	046-641-9036
New Sanno Hotel Tokyo		229-7110/7211	
Naval Air Facility Atsugi	1445	264-3248/3250	
Camp Fuji		265-5417	
Commander Fleet Activities Sasebo			
Sasebo Main Base	222	252-3518	
Maebata Ordance	T-714	252-5537	
Hario Housing	5121	252-8820	
Yokose	7060	252-4700	0956-32-1392
Akasaki	141	252-4130	
Iorizaki	610	252-4190	
Misawa (U.S. Air Force)		226-3218	
Marine Corps Air Station Iwakuni		253-4784/ 4754/ 6279	

Fire Department responds depending on which base you are at:

**EMERGENCY RESPONSE DIALING INSTRUCTIONS:** On-Base Phone: Dial **911 (all bases)**

ATTACHMENT J-0200000-07
EXHIBIT LINE ITEM NUMBERS

FFP and IDIQ ELINS are attached following pages.

ATTACHMENT J-0200000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT A - CLIN 0001

**Line Item 0001 Firm Fixed Price - Base Period**

PROVIDE PRICES FOR FACILITY INVESTMENT - FIRM FIXED PRICE - IN ACCORDANCE WITH SECTION C, SPEC ITEM 3

ELIN /Sub ELIN	Description	Q'ty	Unit of Issue	Unit Price (¥)	Total (¥)
<b>A001</b>	<b>Yokosuka District</b>				
00101	CFAY (Yokosuka) Attachment J-150200-05-01	1	LS		¥0
00102	CFAY Housing Attachment J-150200-05-02	1	LS		¥0
00103	FLC (Yokosuka) Attachment J-150200-05-03	1	LS		¥0
00104	DoDDS (Yokosuka) Attachment J-150200-05-04	1	LS		¥0
00105	USNH (Yokosuka) Attachment J-150200-05-05	1	LS		¥0
00106	SRF (Yokosuka) Attachment J-150200-05-06	1	LS		¥0
00107	PWD (Yokosuka) Attachment J-150200-05-07	1	LS		¥0
00108	PWD Utilities (Yokosuka) Attachment J-150200-05-08	1	LS		¥0
00109	PWD Utilities (Ikego) Attachment J-150200-05-09	1	LS		¥0
00110	CFAY Housing (Ikego) Attachment J-150200-05-10	1	LS		¥0
00111	CFAY (Negishi) Attachment J-150200-05-11	1	LS		¥0
00112	PWD Utilities (Negishi) Attachment J-150200-05-12	1	LS		¥0
00113	CFAY (Urago) Attachment J-150200-05-13	1	LS		¥0
00114	New Sanno Hotel (Tokyo) Attachment J-150200-05-14	1	LS		¥0
<b>A001</b>	<b>Yokosuka District Total</b>				<b>¥0</b>
<b>A002</b>	<b>Atsugi</b>				
00201	NAFA O&M N (Atsugi) Attachment J-150200-05-15	1	LS		¥0
00202	NAFA NWCF (Atsugi) Attachment J-150200-05-16	1	LS		¥0
00203	NAFA Housing (Atsugi) Attachment J-150200-05-17	1	LS		¥0
00204	PWD Utilities (Atsugi) Attachment J-150200-05-18	1	LS		¥0
00205	BMHC (Atsugi) Attachment J-150200-05-19	1	LS		¥0
00206	DoDDS (Atsugi) Attachment J-150200-05-20	1	LS		¥0
00207	DeCA (Atsugi) Attachment J-150200-05-21	1	LS		¥0
00208	BMHC (Fuji) Attachment J-150200-05-22	1	LS		¥0
<b>A002</b>	<b>Atsugi Total</b>				<b>¥0</b>
<b>A003</b>	<b>Sasebo District</b>				
00301	CFAS (Sasebo) Attachment J-150200-05-23	1	LS		¥0
00302	CFAS Housing (Hario) Attachment J-150200-05-24	1	LS		¥0
00303	DeCA (Hario) Attachment J-150200-05-25	1	LS		¥0
00304	BMHC (Sasebo) Attachment J-150200-05-26	1	LS		¥0
00305	DoDDS (Sasebo) Attachment J-150200-05-27	1	LS		¥0
00306	PWD (Sasebo) Attachment J-150200-05-28	1	LS		¥0
00307	PWD (Hario) Attachment J-150200-05-29	1	LS		¥0
00308	BMHC (Hario) Attachment J-150200-05-30	1	LS		¥0
00309	DoDDS (Hario) Attachment J-150200-05-31	1	LS		¥0
00310	CFAS (Hario) Attachment J-150200-05-32	1	LS		¥0
00311	CFAS Housing (Sasebo) Attachment J-150200-05-33	1	LS		¥0
<b>A003</b>	<b>Sasebo District Total</b>				<b>¥0</b>
<b>A004</b>	<b>Iwakuni</b>				
00401	MCASI (Iwakuni) Attachment J-150200-05-34	1	LS		¥0
00402	DRMO (Iwakuni) Attachment J-150200-05-35	1	LS		¥0
00403	BMHC (Iwakuni) Attachment J-150200-05-36	1	LS		¥0
00404	DoDDS (Iwakuni) Attachment J-150200-05-37	1	LS		¥0
00405	MCASI Housing (Iwakuni) Attachment J-150200-05-38	1	LS		¥0
00406	DeCA (Iwakuni) Attachment J-150200-05-39	1	LS		¥0
<b>A004</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>A005</b>	<b>Misawa</b>				
00501	NAFM (Misawa) Attachment J-150200-05-40	1	LS		¥0
<b>A005</b>	<b>Iwakuni Total</b>				<b>¥0</b>
	<b>TOTAL FFP LINE ITEMS PRICE BASE</b>				<b>¥0</b>
	<b>TOTAL</b>				<b>¥0</b>

ATTACHMENT J-0200000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT A - CLIN 0002

**Line Item 0002 Indefinite Delivery/Indefinite Quantity Work - Base Period**  
PROVIDE PRICES FOR FACILITY INVESTMENT - INDEFINITE DELIVERY / INDEFINITE QUANTITY - IN ACCORDANCE WITH SECTION C, SPEC ITEM 4

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
<b>A100</b>	<b>Unit Priced Tasks</b>					
A100A A	Boiler Inspection Heating surface less than 5m <sup>2</sup>	Perform inspection and certification on boilers with heating surface less than 5m <sup>2</sup>	15	EA		¥0
A100A B	Boiler Inspection Heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	15	EA		¥0
A100A C	Boiler Inspection Heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	15	EA		¥0
A100A D	Boiler Inspection Heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	15	EA		¥0
A100A E	Boiler Inspection Heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	15	EA		¥0
A100A F	Boiler Inspection Heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	15	EA		¥0
A100A G	Boiler Inspection Heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	15	EA		¥0
A100A H	UPV Inspection Volume less than 0.5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume less than 0.5m <sup>3</sup>	15	EA		¥0
A100A J	UPV Inspection Volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	15	EA		¥0
A100A K	UPV Inspection Volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	15	EA		¥0
A100A L	UPV Inspection Volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	15	EA		¥0

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
A100A M	UPV Inspection Volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	15	EA		¥0
A100A N	UPV Inspection Volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	15	EA		¥0
A100A P	UPV Inspection Volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	15	EA		¥0
		<b>TOTAL INDEFINITE QUANTITY PRICE BASE YEAR</b>				<b>¥0</b>

ATTACHMENT J-020000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT B - CLIN 0003

**Line Item 0003 Firm Fixed Price - First Option Period**

PROVIDE PRICES FOR FACILITY INVESTMENT - FIRM FIXED PRICE - IN ACCORDANCE WITH SECTION C, SPEC ITEM 3

ELIN /Sub ELIN	Description	Q'ty	Unit of Issue	Unit Price (¥)	Total (¥)
<b>B001</b>	<b>Yokosuka District</b>				
00101	CFAY (Yokosuka) Attachment J-150200-05-01	1	LS		¥0
00102	CFAY Housing Attachment J-150200-05-02	1	LS		¥0
00103	FLC (Yokosuka) Attachment J-150200-05-03	1	LS		¥0
00104	DoDDS (Yokosuka) Attachment J-150200-05-04	1	LS		¥0
00105	USNH (Yokosuka) Attachment J-150200-05-05	1	LS		¥0
00106	SRF (Yokosuka) Attachment J-150200-05-06	1	LS		¥0
00107	PWD (Yokosuka) Attachment J-150200-05-07	1	LS		¥0
00108	PWD Utilities (Yokosuka) Attachment J-150200-05-08	1	LS		¥0
00109	PWD Utilities (Ikego) Attachment J-150200-05-09	1	LS		¥0
00110	CFAY Housing (Ikego) Attachment J-150200-05-10	1	LS		¥0
00111	CFAY (Negishi) Attachment J-150200-05-11	1	LS		¥0
00112	PWD Utilities (Negishi) Attachment J-150200-05-12	1	LS		¥0
00113	CFAY (Urago) Attachment J-150200-05-13	1	LS		¥0
00114	New Sanno Hotel (Tokyo) Attachment J-150200-05-14	1	LS		¥0
<b>B001</b>	<b>Yokosuka District Total</b>				<b>¥0</b>
<b>B002</b>	<b>Atsugi</b>				
00201	NAFA O&M N (Atsugi) Attachment J-150200-05-15	1	LS		¥0
00202	NAFA NWCF (Atsugi) Attachment J-150200-05-16	1	LS		¥0
00203	NAFA Housing (Atsugi) Attachment J-150200-05-17	1	LS		¥0
00204	PWD Utilities (Atsugi) Attachment J-150200-05-18	1	LS		¥0
00205	BMHC (Atsugi) Attachment J-150200-05-19	1	LS		¥0
00206	DoDDS (Atsugi) Attachment J-150200-05-20	1	LS		¥0
00207	DeCA (Atsugi) Attachment J-150200-05-21	1	LS		¥0
00208	BMHC (Fuji) Attachment J-150200-05-22	1	LS		¥0
<b>B002</b>	<b>Atsugi Total</b>				<b>¥0</b>
<b>B003</b>	<b>Sasebo District</b>				
00301	CFAS (Sasebo) Attachment J-150200-05-23	1	LS		¥0
00302	CFAS Housing (Hario) Attachment J-150200-05-24	1	LS		¥0
00303	DeCA (Hario) Attachment J-150200-05-25	1	LS		¥0
00304	BMHC (Sasebo) Attachment J-150200-05-26	1	LS		¥0
00305	DoDDS (Sasebo) Attachment J-150200-05-27	1	LS		¥0
00306	PWD (Sasebo) Attachment J-150200-05-28	1	LS		¥0
00307	PWD (Hario) Attachment J-150200-05-29	1	LS		¥0
00308	BMHC (Hario) Attachment J-150200-05-30	1	LS		¥0
00309	DoDDS (Hario) Attachment J-150200-05-31	1	LS		¥0
00310	CFAS (Hario) Attachment J-150200-05-32	1	LS		¥0
00311	CFAS Housing (Sasebo) Attachment J-150200-05-33	1	LS		¥0
<b>B003</b>	<b>Sasebo District Total</b>				<b>¥0</b>
<b>B004</b>	<b>Iwakuni</b>				
00401	MCASI (Iwakuni) Attachment J-150200-05-34	1	LS		¥0
00402	DRMO (Iwakuni) Attachment J-150200-05-35	1	LS		¥0
00403	BMHC (Iwakuni) Attachment J-150200-05-36	1	LS		¥0
00404	DoDDS (Iwakuni) Attachment J-150200-05-37	1	LS		¥0
00405	MCASI Housing (Iwakuni) Attachment J-150200-05-38	1	LS		¥0
00406	DeCA (Iwakuni) Attachment J-150200-05-39	1	LS		¥0
<b>B004</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>B005</b>	<b>Misawa</b>				
00501	NAFM (Misawa) Attachment J-150200-05-40	1	LS		¥0
<b>B005</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>TOTAL FFP LINE ITEMS PRICE FIRST OPTION</b>				<b>TOTAL</b>	<b>¥0</b>

ATTACHMENT J-0200000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT B - CLIN 0004

**Line Item 0004 Indefinite Delivery/Indefinite Quantity Work - First Option Period**  
PROVIDE PRICES FOR FACILITY INVESTMENT - INDEFINITE DELIVERY / INDEFINITE QUANTITY - IN ACCORDANCE WITH SECTION C, SPEC ITEM 4

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
<b>B100</b>	<b>Unit Priced Tasks</b>					
B100A A	Boiler Inspection Heating surface less than 5m <sup>2</sup>	Perform inspection and certification on boilers with heating surface less than 5m <sup>2</sup>	15	EA		¥0
B100A B	Boiler Inspection Heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	15	EA		¥0
B100A C	Boiler Inspection Heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	15	EA		¥0
B100A D	Boiler Inspection Heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	15	EA		¥0
B100A E	Boiler Inspection Heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	15	EA		¥0
B100A F	Boiler Inspection Heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	15	EA		¥0
B100A G	Boiler Inspection Heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	15	EA		¥0
B100A H	UPV Inspection Volume less than 0.5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume less than 0.5m <sup>3</sup>	15	EA		¥0
B100A J	UPV Inspection Volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	15	EA		¥0
B100A K	UPV Inspection Volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	15	EA		¥0
B100A L	UPV Inspection Volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	15	EA		¥0

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
B100A M	UPV Inspection Volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	15	EA		¥0
B100A N	UPV Inspection Volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	15	EA		¥0
B100A P	UPV Inspection Volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	15	EA		¥0
		<b><i>TOTAL INDEFINITE QUANTITY PRICE FIRST OPTION</i></b>				<b>¥0</b>

ATTACHMENT J-020000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT C - CLIN 0005

**Line Item 0005 Firm Fixed Price - Second Option Period**

PROVIDE PRICES FOR FACILITY INVESTMENT - FIRM FIXED PRICE - IN ACCORDANCE WITH SECTION C, SPEC ITEM 3

ELIN /Sub ELIN	Description	Q'ty	Unit of Issue	Unit Price (¥)	Total (¥)
<b>C001</b>	<b>Yokosuka District</b>				
00101	CFAY (Yokosuka) Attachment J-150200-05-01	1	LS		¥0
00102	CFAY Housing Attachment J-150200-05-02	1	LS		¥0
00103	FLC (Yokosuka) Attachment J-150200-05-03	1	LS		¥0
00104	DoDDS (Yokosuka) Attachment J-150200-05-04	1	LS		¥0
00105	USNH (Yokosuka) Attachment J-150200-05-05	1	LS		¥0
00106	SRF (Yokosuka) Attachment J-150200-05-06	1	LS		¥0
00107	PWD (Yokosuka) Attachment J-150200-05-07	1	LS		¥0
00108	PWD Utilities (Yokosuka) Attachment J-150200-05-08	1	LS		¥0
00109	PWD Utilities (Ikego) Attachment J-150200-05-09	1	LS		¥0
00110	CFAY Housing (Ikego) Attachment J-150200-05-10	1	LS		¥0
00111	CFAY (Negishi) Attachment J-150200-05-11	1	LS		¥0
00112	PWD Utilities (Negishi) Attachment J-150200-05-12	1	LS		¥0
00113	CFAY (Urago) Attachment J-150200-05-13	1	LS		¥0
00114	New Sanno Hotel (Tokyo) Attachment J-150200-05-14	1	LS		¥0
<b>C001</b>	<b>Yokosuka District Total</b>				<b>¥0</b>
<b>C002</b>	<b>Atsugi</b>				
00201	NAFA O&M N (Atsugi) Attachment J-150200-05-15	1	LS		¥0
00202	NAFA NWCF (Atsugi) Attachment J-150200-05-16	1	LS		¥0
00203	NAFA Housing (Atsugi) Attachment J-150200-05-17	1	LS		¥0
00204	PWD Utilities (Atsugi) Attachment J-150200-05-18	1	LS		¥0
00205	BMHC (Atsugi) Attachment J-150200-05-19	1	LS		¥0
00206	DoDDS (Atsugi) Attachment J-150200-05-20	1	LS		¥0
00207	DeCA (Atsugi) Attachment J-150200-05-21	1	LS		¥0
00208	BMHC (Fuji) Attachment J-150200-05-22	1	LS		¥0
<b>C002</b>	<b>Atsugi Total</b>				<b>¥0</b>
<b>C003</b>	<b>Sasebo District</b>				
00301	CFAS (Sasebo) Attachment J-150200-05-23	1	LS		¥0
00302	CFAS Housing (Hario) Attachment J-150200-05-24	1	LS		¥0
00303	DeCA (Hario) Attachment J-150200-05-25	1	LS		¥0
00304	BMHC (Sasebo) Attachment J-150200-05-26	1	LS		¥0
00305	DoDDS (Sasebo) Attachment J-150200-05-27	1	LS		¥0
00306	PWD (Sasebo) Attachment J-150200-05-28	1	LS		¥0
00307	PWD (Hario) Attachment J-150200-05-29	1	LS		¥0
00308	BMHC (Hario) Attachment J-150200-05-30	1	LS		¥0
00309	DoDDS (Hario) Attachment J-150200-05-31	1	LS		¥0
00310	CFAS (Hario) Attachment J-150200-05-32	1	LS		¥0
00311	CFAS Housing (Sasebo) Attachment J-150200-05-33	1	LS		¥0
<b>C003</b>	<b>Sasebo District Total</b>				<b>¥0</b>
<b>C004</b>	<b>Iwakuni</b>				
00401	MCASI (Iwakuni) Attachment J-150200-05-34	1	LS		¥0
00402	DRMO (Iwakuni) Attachment J-150200-05-35	1	LS		¥0
00403	BMHC (Iwakuni) Attachment J-150200-05-36	1	LS		¥0
00404	DoDDS (Iwakuni) Attachment J-150200-05-37	1	LS		¥0
00405	MCASI Housing (Iwakuni) Attachment J-150200-05-38	1	LS		¥0
00406	DeCA (Iwakuni) Attachment J-150200-05-39	1	LS		¥0
<b>C004</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>C005</b>	<b>Misawa</b>				
00501	NAFM (Misawa) Attachment J-150200-05-40	1	LS		¥0
<b>C005</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>TOTAL FFP LINE ITEMS PRICE SECOND OPTION</b>				<b>TOTAL</b>	<b>¥0</b>

ATTACHMENT J-0200000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT C - CLIN 0006

**Line Item 0006 Indefinite Delivery/Indefinite Quantity Work - Second Option Period**  
PROVIDE PRICES FOR FACILITY INVESTMENT - INDEFINITE DELIVERY / INDEFINITE QUANTITY - IN ACCORDANCE WITH SECTION C, SPEC ITEM 4

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
<b>C100</b>	<b>Unit Priced Tasks</b>					
C100A A	Boiler Inspection Heating surface less than 5m <sup>2</sup>	Perform inspection and certification on boilers with heating surface less than 5m <sup>2</sup>	15	EA		¥0
C100A B	Boiler Inspection Heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	15	EA		¥0
C100A C	Boiler Inspection Heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	15	EA		¥0
C100A D	Boiler Inspection Heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	15	EA		¥0
C100A E	Boiler Inspection Heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	15	EA		¥0
C100A F	Boiler Inspection Heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	15	EA		¥0
C100A G	Boiler Inspection Heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	15	EA		¥0
C100A H	UPV Inspection Volume less than 0.5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume less than 0.5m <sup>3</sup>	15	EA		¥0
C100A J	UPV Inspection Volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	15	EA		¥0
C100A K	UPV Inspection Volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	15	EA		¥0
C100A L	UPV Inspection Volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	15	EA		¥0

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
C100A M	UPV Inspection Volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	15	EA		¥0
C100A N	UPV Inspection Volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	15	EA		¥0
C100A P	UPV Inspection Volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	15	EA		¥0
		<b>TOTAL INDEFINITE QUANTITY PRICE SECOND OPTION</b>				<b>¥0</b>

ATTACHMENT J-020000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT D - CLIN 0007

**Line Item 0007 Firm Fixed Price - Third Option Period**

PROVIDE PRICES FOR FACILITY INVESTMENT - FIRM FIXED PRICE - IN ACCORDANCE WITH SECTION C, SPEC ITEM 3

ELIN /Sub ELIN	Description	Q'ty	Unit of Issue	Unit Price (¥)	Total (¥)
<b>D001</b>	<b>Yokosuka District</b>				
00101	CFAY (Yokosuka) Attachment J-150200-05-01	1	LS		¥0
00102	CFAY Housing Attachment J-150200-05-02	1	LS		¥0
00103	FLC (Yokosuka) Attachment J-150200-05-03	1	LS		¥0
00104	DoDDS (Yokosuka) Attachment J-150200-05-04	1	LS		¥0
00105	USNH (Yokosuka) Attachment J-150200-05-05	1	LS		¥0
00106	SRF (Yokosuka) Attachment J-150200-05-06	1	LS		¥0
00107	PWD (Yokosuka) Attachment J-150200-05-07	1	LS		¥0
00108	PWD Utilities (Yokosuka) Attachment J-150200-05-08	1	LS		¥0
00109	PWD Utilities (Ikego) Attachment J-150200-05-09	1	LS		¥0
00110	CFAY Housing (Ikego) Attachment J-150200-05-10	1	LS		¥0
00111	CFAY (Negishi) Attachment J-150200-05-11	1	LS		¥0
00112	PWD Utilities (Negishi) Attachment J-150200-05-12	1	LS		¥0
00113	CFAY (Urago) Attachment J-150200-05-13	1	LS		¥0
00114	New Sanno Hotel (Tokyo) Attachment J-150200-05-14	1	LS		¥0
<b>D001</b>	<b>Yokosuka District Total</b>				<b>¥0</b>
<b>D002</b>	<b>Atsugi</b>				
00201	NAFA O&M N (Atsugi) Attachment J-150200-05-15	1	LS		¥0
00202	NAFA NWCF (Atsugi) Attachment J-150200-05-16	1	LS		¥0
00203	NAFA Housing (Atsugi) Attachment J-150200-05-17	1	LS		¥0
00204	PWD Utilities (Atsugi) Attachment J-150200-05-18	1	LS		¥0
00205	BMHC (Atsugi) Attachment J-150200-05-19	1	LS		¥0
00206	DoDDS (Atsugi) Attachment J-150200-05-20	1	LS		¥0
00207	DeCA (Atsugi) Attachment J-150200-05-21	1	LS		¥0
00208	BMHC (Fuji) Attachment J-150200-05-22	1	LS		¥0
<b>D002</b>	<b>Atsugi Total</b>				<b>¥0</b>
<b>D003</b>	<b>Sasebo District</b>				
00301	CFAS (Sasebo) Attachment J-150200-05-23	1	LS		¥0
00302	CFAS Housing (Hario) Attachment J-150200-05-24	1	LS		¥0
00303	DeCA (Hario) Attachment J-150200-05-25	1	LS		¥0
00304	BMHC (Sasebo) Attachment J-150200-05-26	1	LS		¥0
00305	DoDDS (Sasebo) Attachment J-150200-05-27	1	LS		¥0
00306	PWD (Sasebo) Attachment J-150200-05-28	1	LS		¥0
00307	PWD (Hario) Attachment J-150200-05-29	1	LS		¥0
00308	BMHC (Hario) Attachment J-150200-05-30	1	LS		¥0
00309	DoDDS (Hario) Attachment J-150200-05-31	1	LS		¥0
00310	CFAS (Hario) Attachment J-150200-05-32	1	LS		¥0
00311	CFAS Housing (Sasebo) Attachment J-150200-05-33	1	LS		¥0
<b>D003</b>	<b>Sasebo District Total</b>				<b>¥0</b>
<b>D004</b>	<b>Iwakuni</b>				
00401	MCASI (Iwakuni) Attachment J-150200-05-34	1	LS		¥0
00402	DRMO (Iwakuni) Attachment J-150200-05-35	1	LS		¥0
00403	BMHC (Iwakuni) Attachment J-150200-05-36	1	LS		¥0
00404	DoDDS (Iwakuni) Attachment J-150200-05-37	1	LS		¥0
00405	MCASI Housing (Iwakuni) Attachment J-150200-05-38	1	LS		¥0
00406	DeCA (Iwakuni) Attachment J-150200-05-39	1	LS		¥0
<b>D004</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>D005</b>	<b>Misawa</b>				
00501	NAFM (Misawa) Attachment J-150200-05-40	1	LS		¥0
<b>D005</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>TOTAL FFP LINE ITEMS PRICE THIRD OPTION</b>				<b>TOTAL</b>	<b>¥0</b>

ATTACHMENT J-0200000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT D - CLIN 0008

**Line Item 0008 Indefinite Delivery/Indefinite Quantity Work - Third Option Period**  
PROVIDE PRICES FOR FACILITY INVESTMENT - INDEFINITE DELIVERY / INDEFINITE QUANTITY - IN ACCORDANCE WITH SECTION C, SPEC ITEM 4

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
<b>D100</b>	<b>Unit Priced Tasks</b>					
D100A A	Boiler Inspection Heating surface less than 5m <sup>2</sup>	Perform inspection and certification on boilers with heating surface less than 5m <sup>2</sup>	15	EA		¥0
D100A B	Boiler Inspection Heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	15	EA		¥0
D100A C	Boiler Inspection Heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	15	EA		¥0
D100A D	Boiler Inspection Heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	15	EA		¥0
D100A E	Boiler Inspection Heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	15	EA		¥0
D100A F	Boiler Inspection Heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	15	EA		¥0
D100A G	Boiler Inspection Heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	15	EA		¥0
D100A H	UPV Inspection Volume less than 0.5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume less than 0.5m <sup>3</sup>	15	EA		¥0
D100A J	UPV Inspection Volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	15	EA		¥0
D100A K	UPV Inspection Volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	15	EA		¥0
D100A L	UPV Inspection Volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	15	EA		¥0

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
D100A M	UPV Inspection Volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	15	EA		¥0
D100A N	UPV Inspection Volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	15	EA		¥0
D100A P	UPV Inspection Volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	15	EA		¥0
		<b>TOTAL INDEFINITE QUANTITY PRICE THIRD OPTION</b>				<b>¥0</b>

ATTACHMENT J-020000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT E - CLIN 0009

**Line Item 0009 Firm Fixed Price - Fourth Option Period**

PROVIDE PRICES FOR FACILITY INVESTMENT - FIRM FIXED PRICE - IN ACCORDANCE WITH SECTION C, SPEC ITEM 3

ELIN /Sub ELIN	Description	Q'ty	Unit of Issue	Unit Price (¥)	Total (¥)
<b>E001</b>	<b>Yokosuka District</b>				
00101	CFAY (Yokosuka) Attachment J-150200-05-01	1	LS		¥0
00102	CFAY Housing Attachment J-150200-05-02	1	LS		¥0
00103	FLC (Yokosuka) Attachment J-150200-05-03	1	LS		¥0
00104	DoDDS (Yokosuka) Attachment J-150200-05-04	1	LS		¥0
00105	USNH (Yokosuka) Attachment J-150200-05-05	1	LS		¥0
00106	SRF (Yokosuka) Attachment J-150200-05-06	1	LS		¥0
00107	PWD (Yokosuka) Attachment J-150200-05-07	1	LS		¥0
00108	PWD Utilities (Yokosuka) Attachment J-150200-05-08	1	LS		¥0
00109	PWD Utilities (Ikego) Attachment J-150200-05-09	1	LS		¥0
00110	CFAY Housing (Ikego) Attachment J-150200-05-10	1	LS		¥0
00111	CFAY (Negishi) Attachment J-150200-05-11	1	LS		¥0
00112	PWD Utilities (Negishi) Attachment J-150200-05-12	1	LS		¥0
00113	CFAY (Urago) Attachment J-150200-05-13	1	LS		¥0
00114	New Sanno Hotel (Tokyo) Attachment J-150200-05-14	1	LS		¥0
<b>E001</b>	<b>Yokosuka District Total</b>				<b>¥0</b>
<b>E002</b>	<b>Atsugi</b>				
00201	NAFA O&M N (Atsugi) Attachment J-150200-05-15	1	LS		¥0
00202	NAFA NWCF (Atsugi) Attachment J-150200-05-16	1	LS		¥0
00203	NAFA Housing (Atsugi) Attachment J-150200-05-17	1	LS		¥0
00204	PWD Utilities (Atsugi) Attachment J-150200-05-18	1	LS		¥0
00205	BMHC (Atsugi) Attachment J-150200-05-19	1	LS		¥0
00206	DoDDS (Atsugi) Attachment J-150200-05-20	1	LS		¥0
00207	DeCA (Atsugi) Attachment J-150200-05-21	1	LS		¥0
00208	BMHC (Fuji) Attachment J-150200-05-22	1	LS		¥0
<b>E002</b>	<b>Atsugi Total</b>				<b>¥0</b>
<b>E003</b>	<b>Sasebo District</b>				
00301	CFAS (Sasebo) Attachment J-150200-05-23	1	LS		¥0
00302	CFAS Housing (Hario) Attachment J-150200-05-24	1	LS		¥0
00303	DeCA (Hario) Attachment J-150200-05-25	1	LS		¥0
00304	BMHC (Sasebo) Attachment J-150200-05-26	1	LS		¥0
00305	DoDDS (Sasebo) Attachment J-150200-05-27	1	LS		¥0
00306	PWD (Sasebo) Attachment J-150200-05-28	1	LS		¥0
00307	PWD (Hario) Attachment J-150200-05-29	1	LS		¥0
00308	BMHC (Hario) Attachment J-150200-05-30	1	LS		¥0
00309	DoDDS (Hario) Attachment J-150200-05-31	1	LS		¥0
00310	CFAS (Hario) Attachment J-150200-05-32	1	LS		¥0
00311	CFAS Housing (Sasebo) Attachment J-150200-05-33	1	LS		¥0
<b>E003</b>	<b>Sasebo District Total</b>				<b>¥0</b>
<b>E004</b>	<b>Iwakuni</b>				
00401	MCASI (Iwakuni) Attachment J-150200-05-34	1	LS		¥0
00402	DRMO (Iwakuni) Attachment J-150200-05-35	1	LS		¥0
00403	BMHC (Iwakuni) Attachment J-150200-05-36	1	LS		¥0
00404	DoDDS (Iwakuni) Attachment J-150200-05-37	1	LS		¥0
00405	MCASI Housing (Iwakuni) Attachment J-150200-05-38	1	LS		¥0
00406	DeCA (Iwakuni) Attachment J-150200-05-39	1	LS		¥0
<b>E004</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>E005</b>	<b>Misawa</b>				
00501	NAFM (Misawa) Attachment J-150200-05-40	1	LS		¥0
<b>E005</b>	<b>Iwakuni Total</b>				<b>¥0</b>
<b>TOTAL FFP LINE ITEMS PRICE FOURTH OPTION</b>				<b>TOTAL</b>	<b>¥0</b>

ATTACHMENT J-0200000-07  
EXHIBIT LINE ITEM NUMBERS  
SOLICITATION/CONTRACT N40084-D-15-XXXX  
EXHIBIT E - CLIN 0010

**Line Item 0010 Indefinite Delivery/Indefinite Quantity Work - Fourth Option Period**  
PROVIDE PRICES FOR FACILITY INVESTMENT - INDEFINITE DELIVERY / INDEFINITE QUANTITY - IN ACCORDANCE WITH SECTION C, SPEC ITEM 4

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
<b>E100</b>	<b>Unit Priced Tasks</b>					
E100A A	Boiler Inspection Heating surface less than 5m <sup>2</sup>	Perform inspection and certification on boilers with heating surface less than 5m <sup>2</sup>	15	EA		¥0
E100A B	Boiler Inspection Heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 5m <sup>2</sup> and more than 5m <sup>2</sup> and less than 10m <sup>2</sup>	15	EA		¥0
E100A C	Boiler Inspection Heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 10m <sup>2</sup> and more than 10m <sup>2</sup> and less than 40m <sup>2</sup>	15	EA		¥0
E100A D	Boiler Inspection Heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 40m <sup>2</sup> and more than 40m <sup>2</sup> and less than 100m <sup>2</sup>	15	EA		¥0
E100A E	Boiler Inspection Heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 100m <sup>2</sup> and more than 100m <sup>2</sup> and less than 200m <sup>2</sup>	15	EA		¥0
E100A F	Boiler Inspection Heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 200m <sup>2</sup> and more than 200m <sup>2</sup> and less than 300m <sup>2</sup>	15	EA		¥0
E100A G	Boiler Inspection Heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	Perform boiler inspection and certification on boilers with heating surface 300m <sup>2</sup> and more than 300m <sup>2</sup> and less than 500m <sup>2</sup>	15	EA		¥0
E100A H	UPV Inspection Volume less than 0.5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume less than 0.5m <sup>3</sup>	15	EA		¥0
E100A J	UPV Inspection Volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume more than 0.5m <sup>3</sup> and less than 1m <sup>3</sup>	15	EA		¥0
E100A K	UPV Inspection Volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 1m <sup>3</sup> and more than 1m <sup>3</sup> and less than 2m <sup>3</sup>	15	EA		¥0
E100A L	UPV Inspection Volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 2m <sup>3</sup> and more than 2m <sup>3</sup> and less than 5m <sup>3</sup>	15	EA		¥0

ELIN	Product Name (120 Characters)	Description Extended	Estimated Q'ty	Unit of Issue	Unit Price (¥)	Extended Price
E100A M	UPV Inspection Volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 5m <sup>3</sup> and more than 5m <sup>3</sup> and less than 10m <sup>3</sup>	15	EA		¥0
E100A N	UPV Inspection Volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 10m <sup>3</sup> and more than 10m <sup>3</sup> and less than 30m <sup>3</sup>	15	EA		¥0
E100A P	UPV Inspection Volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	Perform unfired pressure vessel inspection and certification on unfired pressure vessels with a volume 30m <sup>3</sup> and more than 30m <sup>3</sup> and less than 60m <sup>3</sup>	15	EA		¥0
		<b>TOTAL INDEFINITE QUANTITY PRICE FOURTH OPTION</b>				<b>¥0</b>

SECTION J  
DOCUMENTS, EXHIBITS, AND OTHER ATTACHMENTS  
TABLE OF CONTENTS

ATTACHMENT NUMBER	<u>ATTACHMENT TITLE</u>
J-1502000-01	Definitions and Acronyms
J-1502000-02	References and Technical Documents
J-1502000-03	Forms
J-1502000-04	Site Maps
J-1502000-05	Boiler and UPV Inventory and Certification Dates

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 Over head 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 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.
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.
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.

<b>Acronym</b>	<b>Title</b>
AIMD	Aircraft Intermediate Maintenance Department
Air OPS	Air Operations
ANSI	American National Standards Institute
ASME	American Society of Mechanical Engineers
BHP	Break Horsepower
BMHC	Branch Medical Health Clinic
BPV	Boiler, Unfired Pressure Vessel and Hot Water Generator
BPVC	Boiler and Pressure Vessel Code
BW	Biweekly
CFAS	Commander Fleet Activities Sasebo
CFAY	Commander Fleet Activities Yokosuka
CNRJ	Commander Naval Region Japan
COR	Contracting Officer Representative
CVW-5	Carrier Air Wing Five
DeCA	Defense Commissary Agency
DoDDS	Department of Defense Dependent Schools
FLC	Fleet Logistics Center
GPC	Government Purchase Card
HSL	Helicopter Anti-Submarine Squadron Light
HWG	Hot Water Generator
JIS	Japan Industrial Standards
M	Monthly
MBTU(H)	One Million British Thermal Unit (Per Hour)
MWR	Morale Welfare and Recreation
NAPRA	National Advanced Research Projects Agency
NBIC	National Board Inspection Code
NEX	Navy Exchange
PBSC	Performance-Based Service Contracting
PSEFA	Physical Security Engineering Field Act
PSNS	Puget Sound Naval Shipyard
RPIE	Real Property Inventory Equipment
PWD	Public Works Department
Q	Quarterly
SRF	Ship Repair Facility
SRM	Sustainment, Restoration and Modernization
TOC	Table of Contents
UFC	Unified Facilities Criteria
UPT	Unit Priced Task
UPV	Unfired Pressure Vessel
USNH	U.S. Naval Hospital
VRC	Fleet Logistic Support Squadron
USNH	U.S. Naval Hospital

ATTACHMENT J-1502000-02	
REFERENCES AND TECHNICAL DOCUMENTS	
Reference	Title
JIS	Japan Industrial Standards <a href="http://www.jisc.go.jp/">http://www.jisc.go.jp/</a>
EM 385-1-1	U.S. Army Corps of Engineers Safety and Health Requirements <a href="http://www.usace.army.mil/CESO/Documents/EM385-1-1FINAL.pdf">http://www.usace.army.mil/CESO/Documents/EM385-1-1FINAL.pdf</a>
P.L. 91-596	Occupational Safety and Health Act <a href="http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=OSHACT&amp;p_id=2743">http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=OSHACT&amp;p_id=2743</a>

Note: Latest version of references shall be applied.

## ATTACHMENT J-1502000-03

## FORMS TOC

ITEM	DESCRIPTION	LOCATION
1	Boiler Inspection Report (ボイラー 性能検査結果報告書)	J-1502000-03.01
2	Unfired Pressure Vessel Inspection Report (第一種圧力容器 性能検査結果報告書)	J-1502000-03.02
3	Inventory List	J-1502000-03.03

# Boiler Inspection Report

(ボイラー 性能検査結果報告書)

Report No (報告書番号): XXXXXX

District (地域)	Area (場所):	Bldg No (建物番号):	Activity (部隊):
Yokosuka	Negishi	XXXXXXX	CFAY HSG
ID No (ID番号):	MFR (製造):	Serial No (構造番号):	MFR Year (製造年):
XXJ-XXXX	XXXXXXXX	XXXXXXXX	YYYY

Installation: (設置者)	Name (事業所の名称):	Fleet Activities Yokosuka, Japan	
	Address (事業所の所在地):	1 Honcho Yokosuka-city	
Certificate No (検査証番号):	xxxxxx		
Type of boiler (種別):	Flue and smoke tube boiler (炉筒煙管ボイラー)		
Class (特定機械等の区分):	Simplified boiler (簡易ボイラー)		
MAWP (最高使用圧力):	0.00 MPa	Heating surface area (伝熱面積):	0.0 m <sup>2</sup>

Performance Test Result (性能検査結果の概要)	Check item(項目)	OK / NG	Note (概要)	Check item(項目)	OK / NG	Note (概要)	
	Body(本体)	<input type="checkbox"/> <input type="checkbox"/>			Accessories(付属品等)	<input type="checkbox"/> <input type="checkbox"/>	
	Crack(割れ)	<input type="checkbox"/> <input type="checkbox"/>			Safety Device(安全装置)	<input type="checkbox"/> <input type="checkbox"/>	
	Corrosion(腐食)	<input type="checkbox"/> <input type="checkbox"/>			Pressure Gauge(圧力計)	<input type="checkbox"/> <input type="checkbox"/>	
	Grooving(溝形腐食)	<input type="checkbox"/> <input type="checkbox"/>			Water Level Gauge (水高計)	<input type="checkbox"/> <input type="checkbox"/>	
	Leak(漏れ)	<input type="checkbox"/> <input type="checkbox"/>			Water level measuring device (水面測定装置)	<input type="checkbox"/> <input type="checkbox"/>	
	Deformation(変形)	<input type="checkbox"/> <input type="checkbox"/>			Automatic controller(自動制御装置)	<input type="checkbox"/> <input type="checkbox"/>	
	Overheat (過熱)	<input type="checkbox"/> <input type="checkbox"/>			Fire bricks (れんが積み等)	<input type="checkbox"/> <input type="checkbox"/>	
	Accumulate (付着物)	<input type="checkbox"/> <input type="checkbox"/>			Blowoff device (吹出装置)	<input type="checkbox"/> <input type="checkbox"/>	
	Pipes(配管)	<input type="checkbox"/> <input type="checkbox"/>			Feed water sys(給水装置)	<input type="checkbox"/> <input type="checkbox"/>	
	Installation(据付)	<input type="checkbox"/> <input type="checkbox"/>			Firing equip (燃焼装置)	<input type="checkbox"/> <input type="checkbox"/>	
	HYD test(水圧試験)	<input type="checkbox"/> <input type="checkbox"/>			furrace/flue(燃焼室・煙道)	<input type="checkbox"/> <input type="checkbox"/>	
	Self-Insp (定期自主検査):	<input type="checkbox"/> <input type="checkbox"/>			Boiler room (ボイラー室)	<input type="checkbox"/> <input type="checkbox"/>	
				Other (その他)	<input type="checkbox"/> <input type="checkbox"/>		

Inspection Date (検査実施日):	DD-MMM-YYYY	Certificate issued: (判定)	<input type="checkbox"/> Yes
Judgment Date (判定日):	DD-MMM-YYYY		<input type="checkbox"/> No
Expiration Date (有効期間):	From(自): DD-MMM-YYYY	To (至):	DD-MMM-YYYY

Comments (備考):

\* When this column is not enough, please add attached sheet. (記入欄が足りない場合は、別紙追加して下さい)

Operational inspector (取扱作業主任者):	In-house Worker's Name	Inspector (検査官):	Contract inspector's Name
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Reported Date (報告日): DD-MMM-YYYY

Certifying org (発行機関): JBA or BCSA

# Unfired Pressure Vessel Inspection Report

(第一種圧力容器 性能検査結果報告書)

Report No (報告書番号): XXXXXX

Hot water tank (貯湯槽)  Heat exchanger (熱交換器)  Other (その他)

District (地域)	Area (場所):	Bldg No (建物番号):	Activity (部隊):
Yokosuka	Negishi	XXXXXXX	CFAY HSG
ID No (ID番号):	MFR (製造):	Serial No (構造番号):	MFR Year (製造年):
XXJ-XXXX	XXXXXXXXX	XXXXXXXXX	YYYY

Installation: (設置者)	Name (事業所の名称):	Fleet Activities Yokosuka, Japan
	Address (事業所の所在地):	1 Honcho Yokosuka-city
Certificate No (検査証番号):	xxxxxx	
Class (種別):	Class-1 Pressure Vessel	

	Design Pressre (最高使用圧力)	Capacity (内容積)
Heating side (加熱側):	0.00 MPa	0.0 m <sup>3</sup>
Unheated side (非加熱側):	0.00 MPa	0.0 m <sup>3</sup>
	Total capacity (内容積計):	0.0 m <sup>3</sup>

Performance Test Result (性能検査結果の概要)	Check item(項目)	OK / NG	Note (概要)	Check item(項目)	OK / NG	Note (概要)
	Body(本体)	<input type="checkbox"/> <input type="checkbox"/>		Accessories(付属品等)	<input type="checkbox"/> <input type="checkbox"/>	
	Crack(割れ)	<input type="checkbox"/> <input type="checkbox"/>		Safety Device(安全装置)	<input type="checkbox"/> <input type="checkbox"/>	
	Corrosion(腐食)	<input type="checkbox"/> <input type="checkbox"/>		Pressure Gauge(圧力計)	<input type="checkbox"/> <input type="checkbox"/>	
	Grooving(溝形腐食)	<input type="checkbox"/> <input type="checkbox"/>		Water Level Gauge(温度水高計)	<input type="checkbox"/> <input type="checkbox"/>	
	Leak(漏れ)	<input type="checkbox"/> <input type="checkbox"/>		Thermometer(温度計)	<input type="checkbox"/> <input type="checkbox"/>	
	Deformation(変形)	<input type="checkbox"/> <input type="checkbox"/>		Other(その他)	<input type="checkbox"/> <input type="checkbox"/>	
	Installation(据付)	<input type="checkbox"/> <input type="checkbox"/>				
Periodic Self-Inspection (定期自主検査):					<input type="checkbox"/> <input type="checkbox"/>	

Inspection Date (検査実施日):	DD-MMM-YYYY	Certificate issued: (判定)	<input type="checkbox"/> Yes
Judgment Date (判定日):	DD-MMM-YYYY		<input type="checkbox"/> No
Expiration Date (有効期間):	From(自): DD-MMM-YYYY	To(至):	DD-MMM-YYYY

Comments (備考):

\* When this column is not enough, please add attached sheet. (記入欄が足りない場合は、別紙追加して下さい)

Operational inspector (取扱作業主任者):	In-house Worker's Name	Inspector (検査官):	Contract inspector's Name
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Reported Date (報告日): DD-MMM-YYYY

Certifying org (発行機関): JBA or BCSA



ATTACHMENT J-1502000-04	
SITE MAPS	
Location	Title
J-1502000-04-01	Japan Region Naval Complexes
J-1502000-04-02	Commander Fleet Activities Yokosuka / Naval Air Facility Atsugi / New Sanno Hotel
J-1502000-04-02-01	Yokosuka Main Base
J-1502000-04-02-02	Ikego
J-1502000-04-02-03	Urago
J-1502000-04-02-04	Negishi
J-1502000-04-02-05	New Sanno Hotel Tokyo
J-1502000-04-02-06	Naval Air Facility Atsugi Main Base
J-1502000-04-02-07	Marine Corps Community Service Fuji
J-1502000-04-03	Commander Fleet Activities Sasebo
J-1502000-04-03-01	Sasebo Main Base
J-1502000-04-03-02	Hario Housing
J-1502000-04-04	Marine Corps Air Station Iwakuni
J-1502000-04-04-01	Iwakuni Main Base
J-1502000-04-05	Naval Air Facility Misawa
J-1502000-04-05-01	Misawa Main Base
J-1502000-04-06	Marine Corps Community Service Fuji
J-1502000-04-06-01	Camp Fuji

Region and command maps shown here for reference only, see maps that are provided separately.

All detailed maps will be provided separately due to their size.

Site maps are attached following pages.

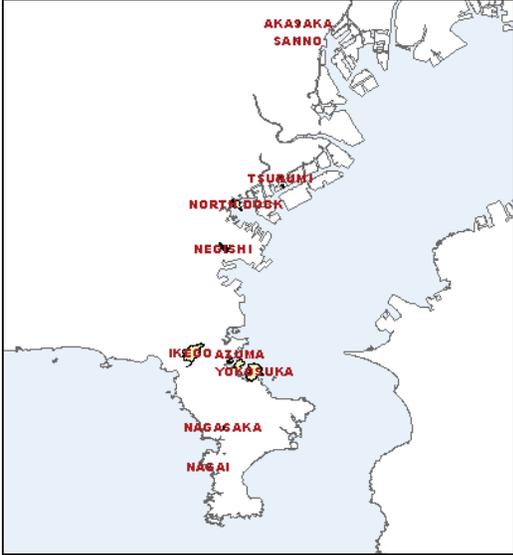
District Area Maps



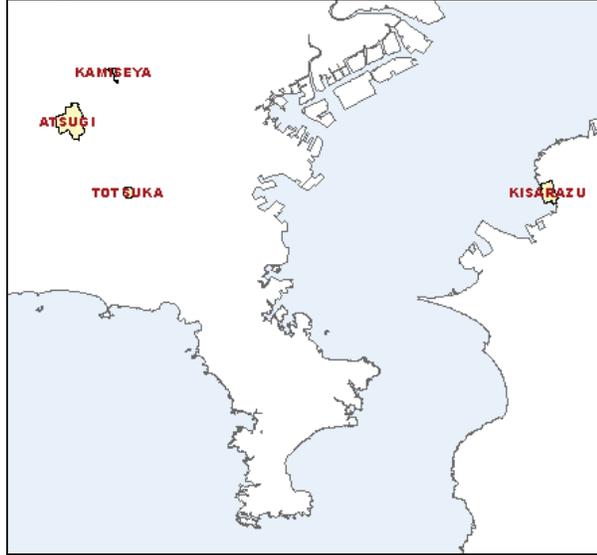
**Japan Region Naval Complexes**

(J-1502000-04-02)

**Commander Fleet Activities Yokosuka/  
Naval Air Facility Atsugi/ New Sanno Hotel**



**Kanto District**



**Atsugi Area**

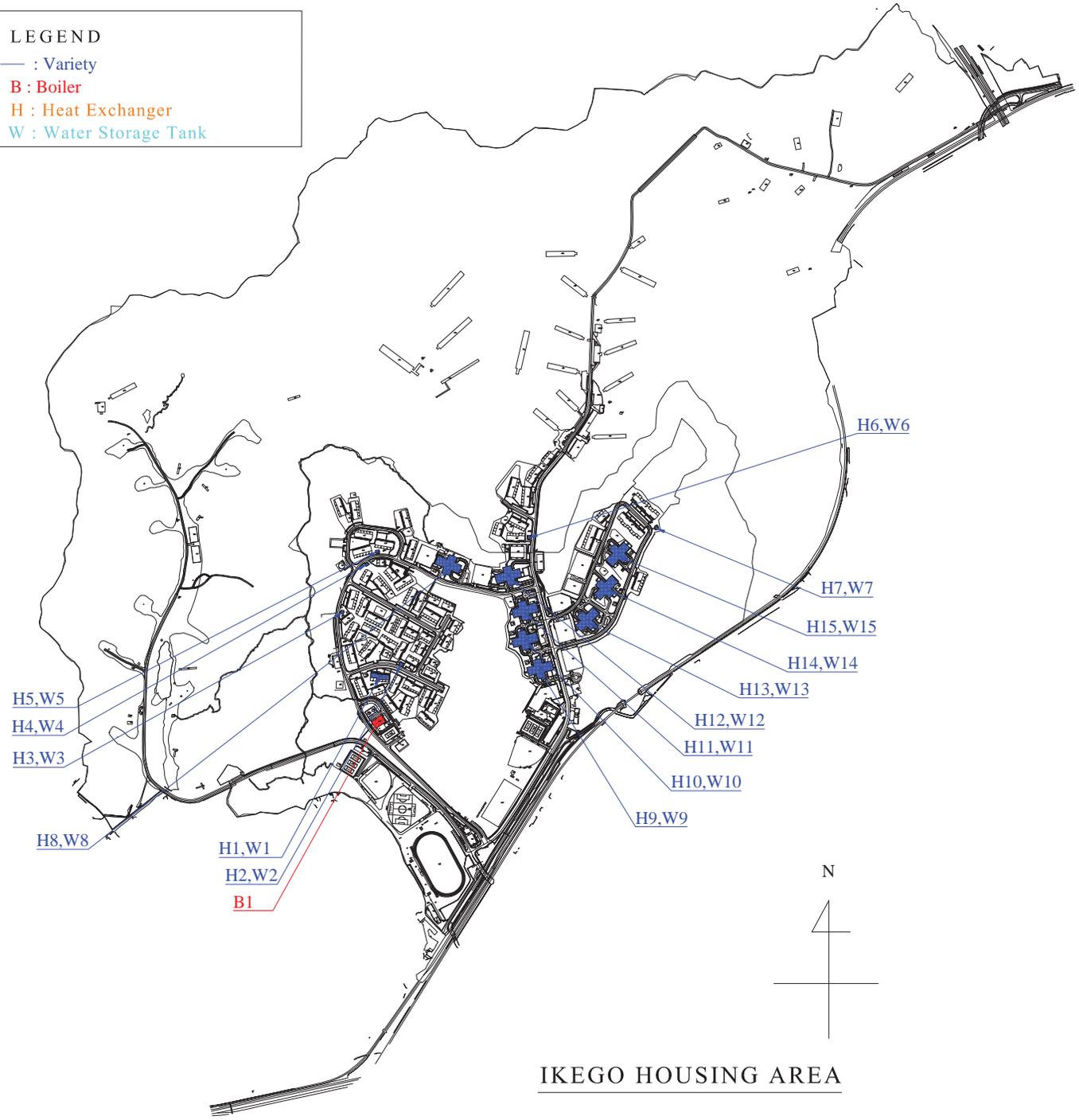


**Marine Corps Community Service Fuji**



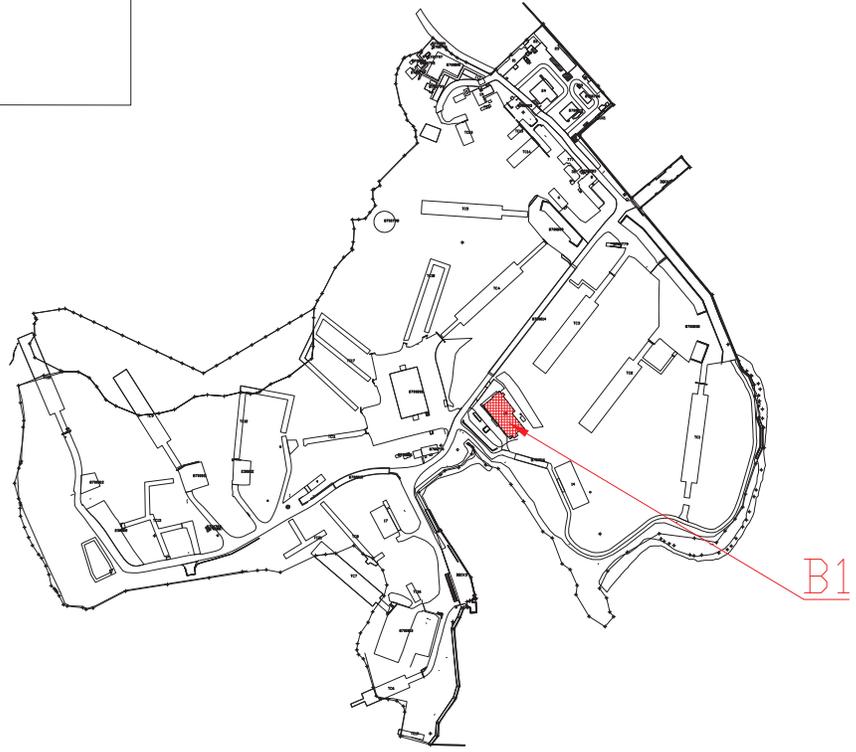
**LEGEND**

- : Variety
- B** : Boiler
- H** : Heat Exchanger
- W** : Water Storage Tank



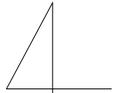
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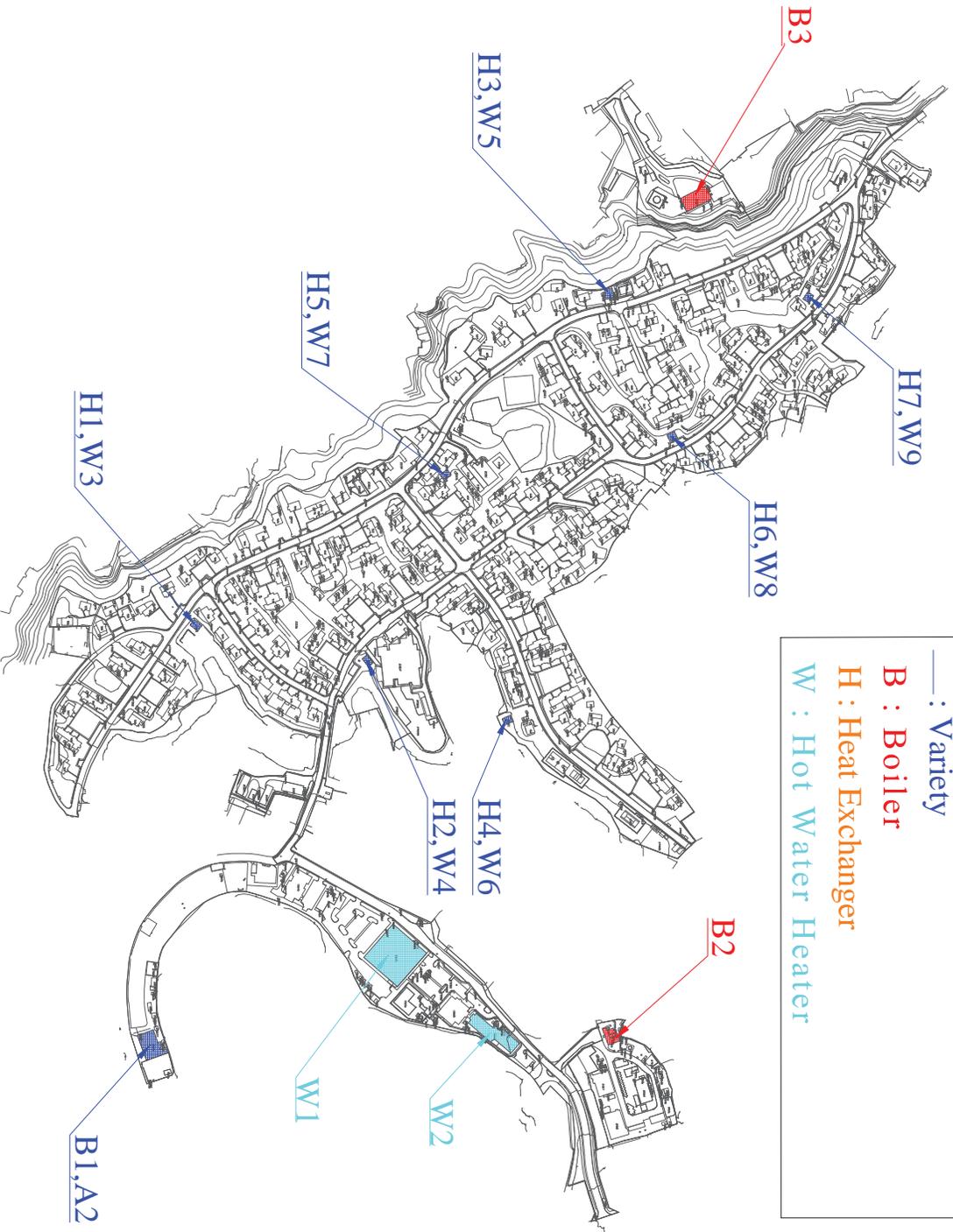


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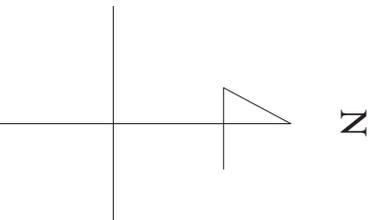
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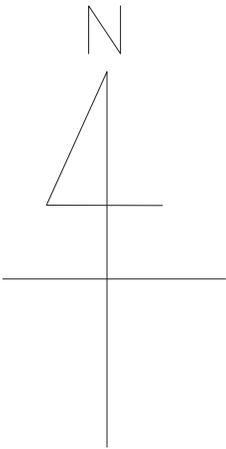
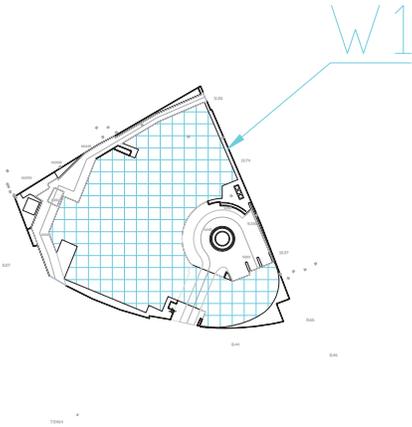
**LEGEND**

- : Variety
- B : Boiler
- H : Heat Exchanger
- W : Hot Water Heater

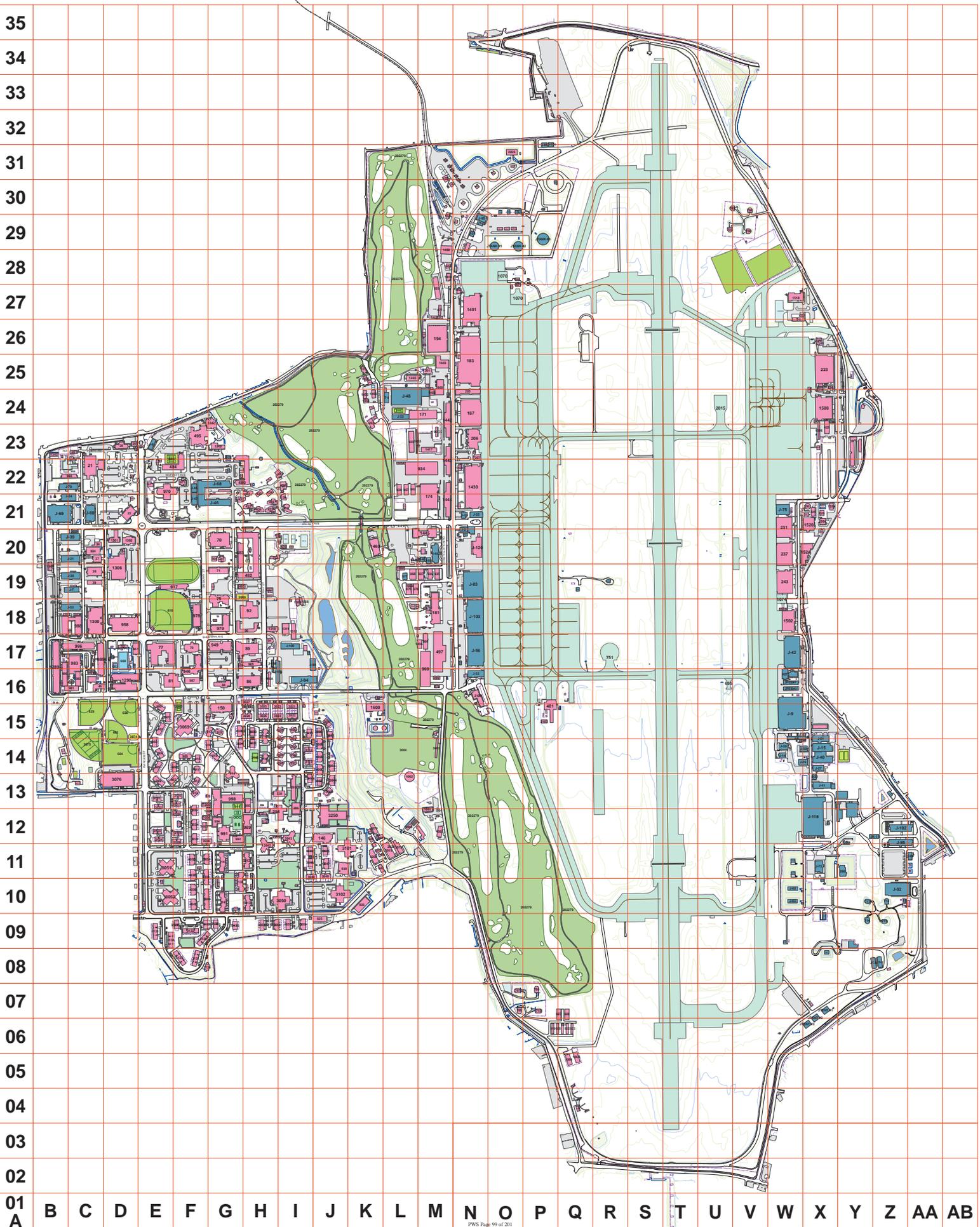
NEGISHI DEPENDENT HOUSING AREA



LEGEND  
W : Hot Water Heater



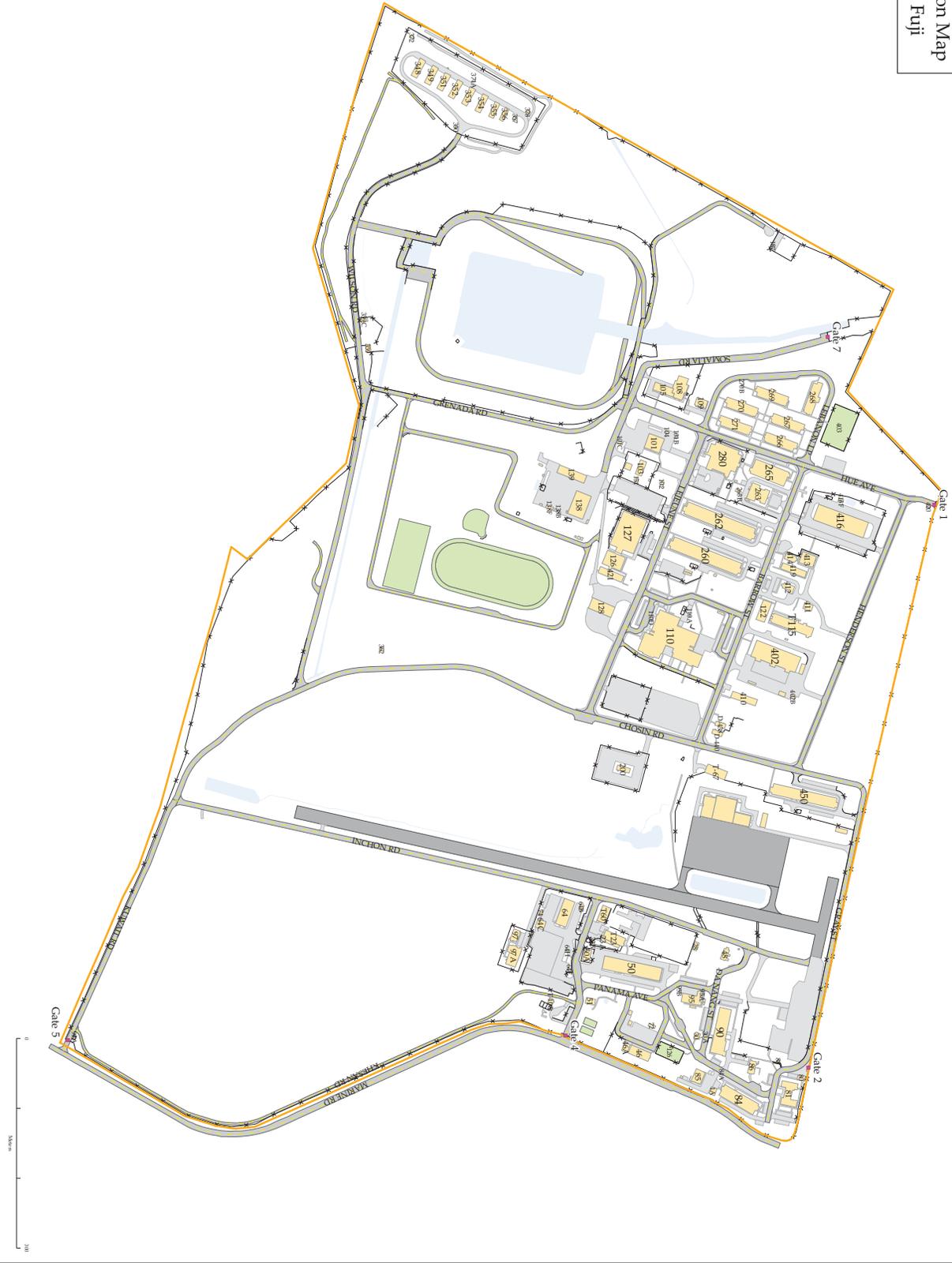
NEW SANNO, U.S FORCE CENTER



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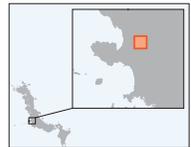
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB

# Installation Map Camp Fuji



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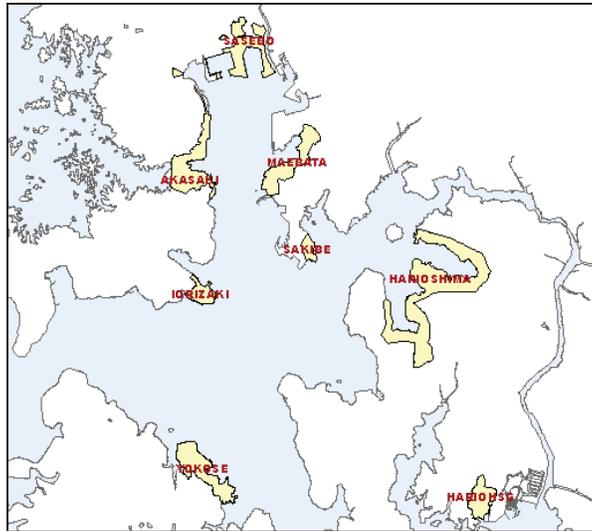


- Installation Boundary
- Facilities**
  - Existing Structure
  - Road
  - Pavement
  - Sidewalk
  - Airfield Surface
  - Hillside
  - Recreational
  - Fence
  - Gate
- Water Surface

Scale = 1:5,000

Japanese Coordinate Datum 2000  
Zone 8

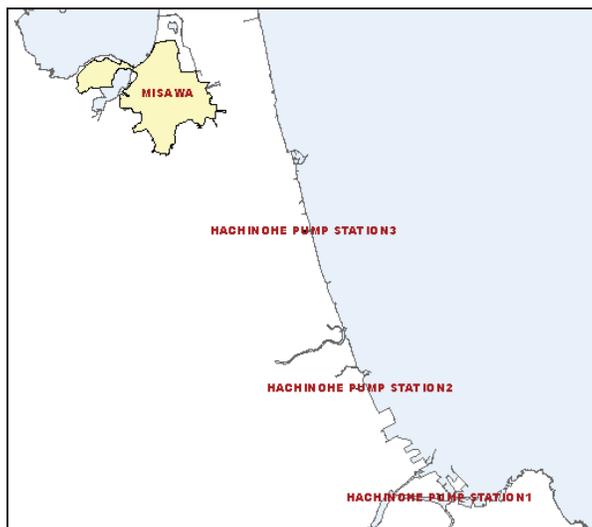
Drawn by: [Name]  
Map prepared by: [Name]  
United States Marine Corps  
MCR CAMP SUE DIEDT BUTLER  
ACS Facilities Engineer  
HSBR, C15 Section  
OSD/MW/JAWN



**Sasebo District (J-1502000-04-03)**

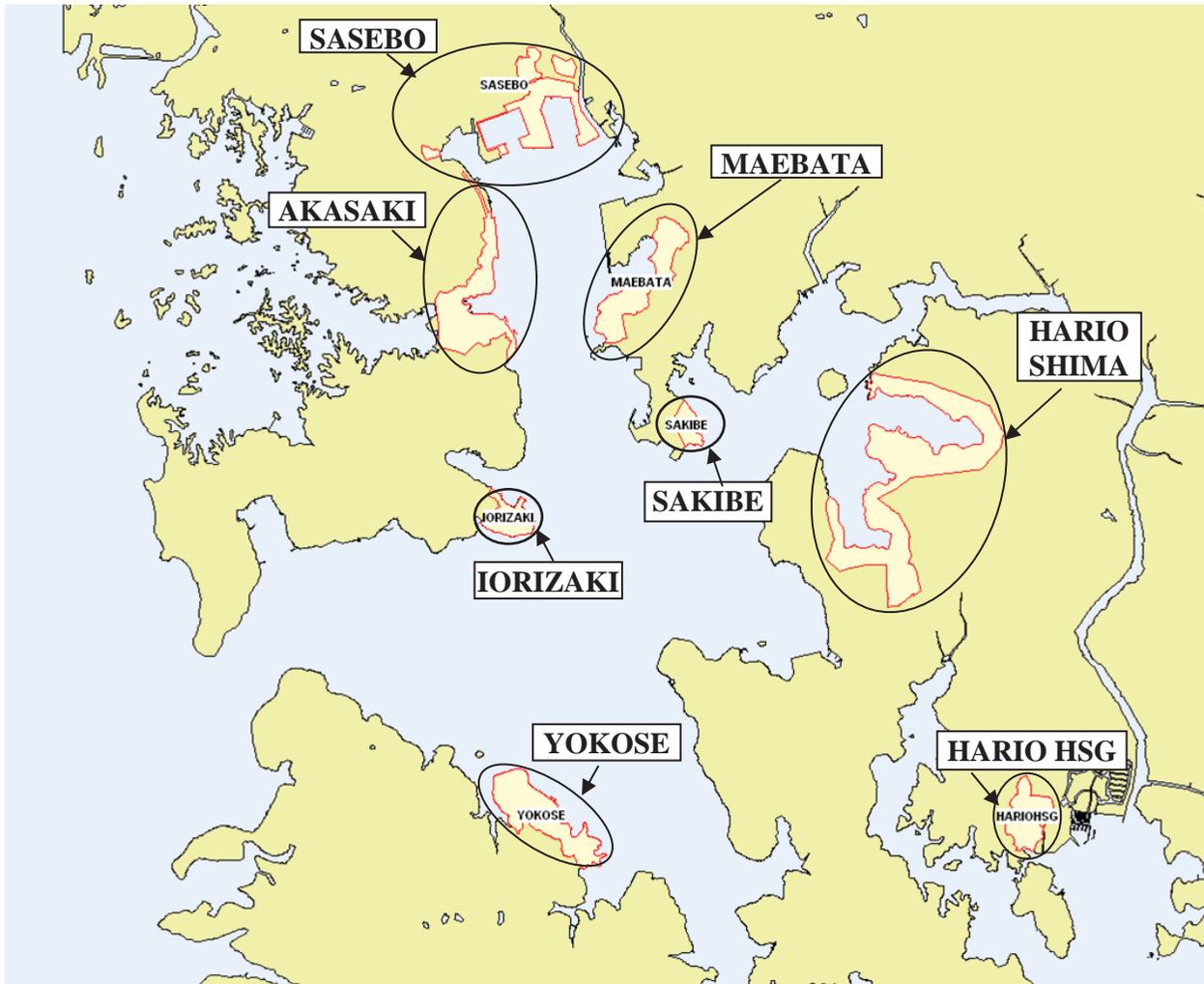


**MCAS Iwakuni (J-1502000-04-04)**

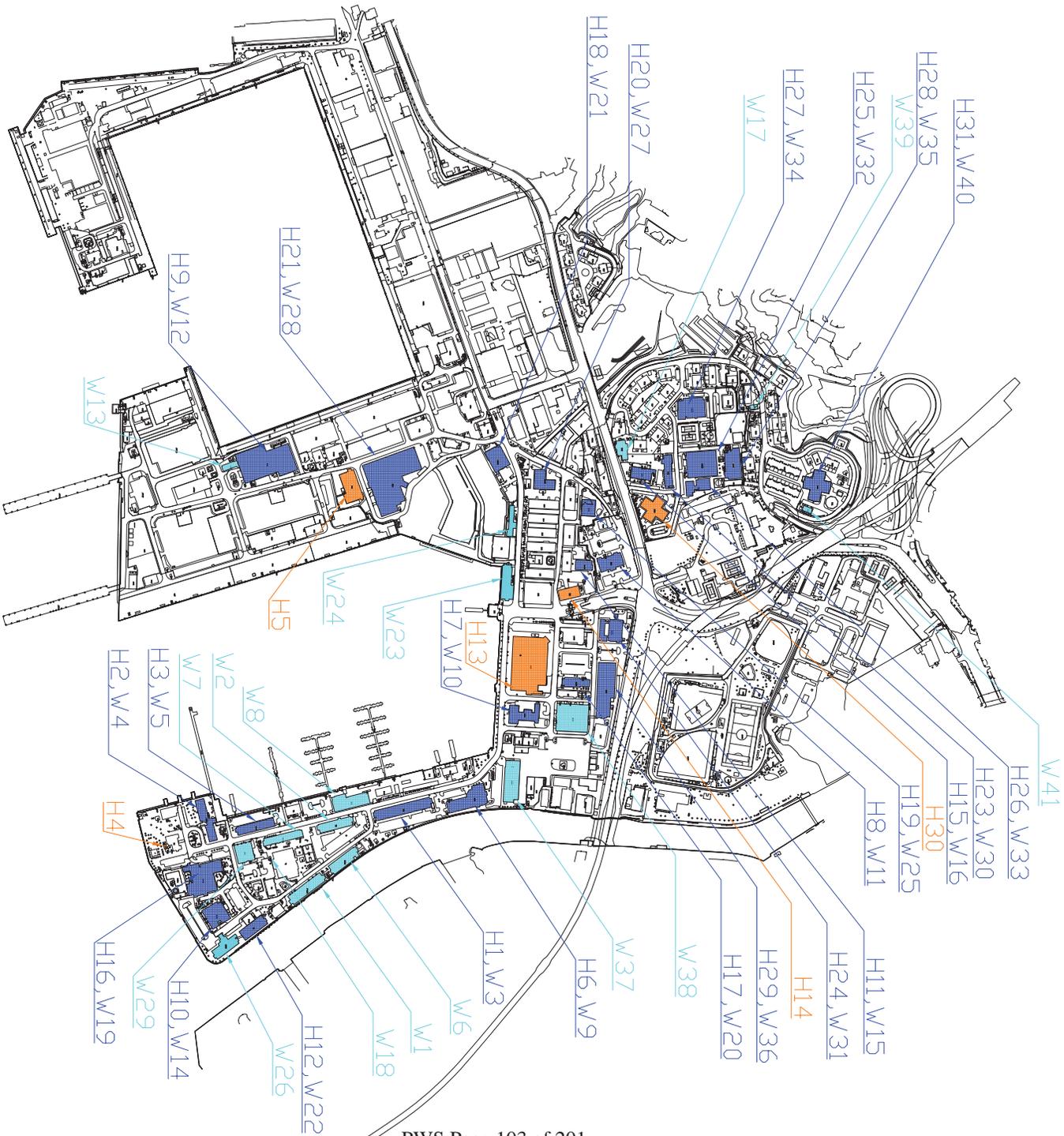
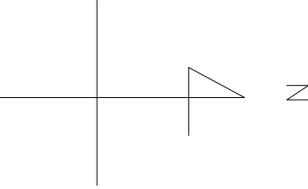
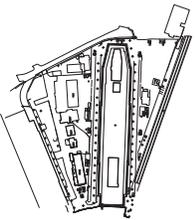


**Misawa District (J-1502000-04-05)**

ATTACHMENT J-1502000-04-03  
COMMANDER FLEET ACTIVITIES SASEBO



LEGEND	
—	Variety
B	Boiler
H	Heat Exchanger
W	Hot Water Heater



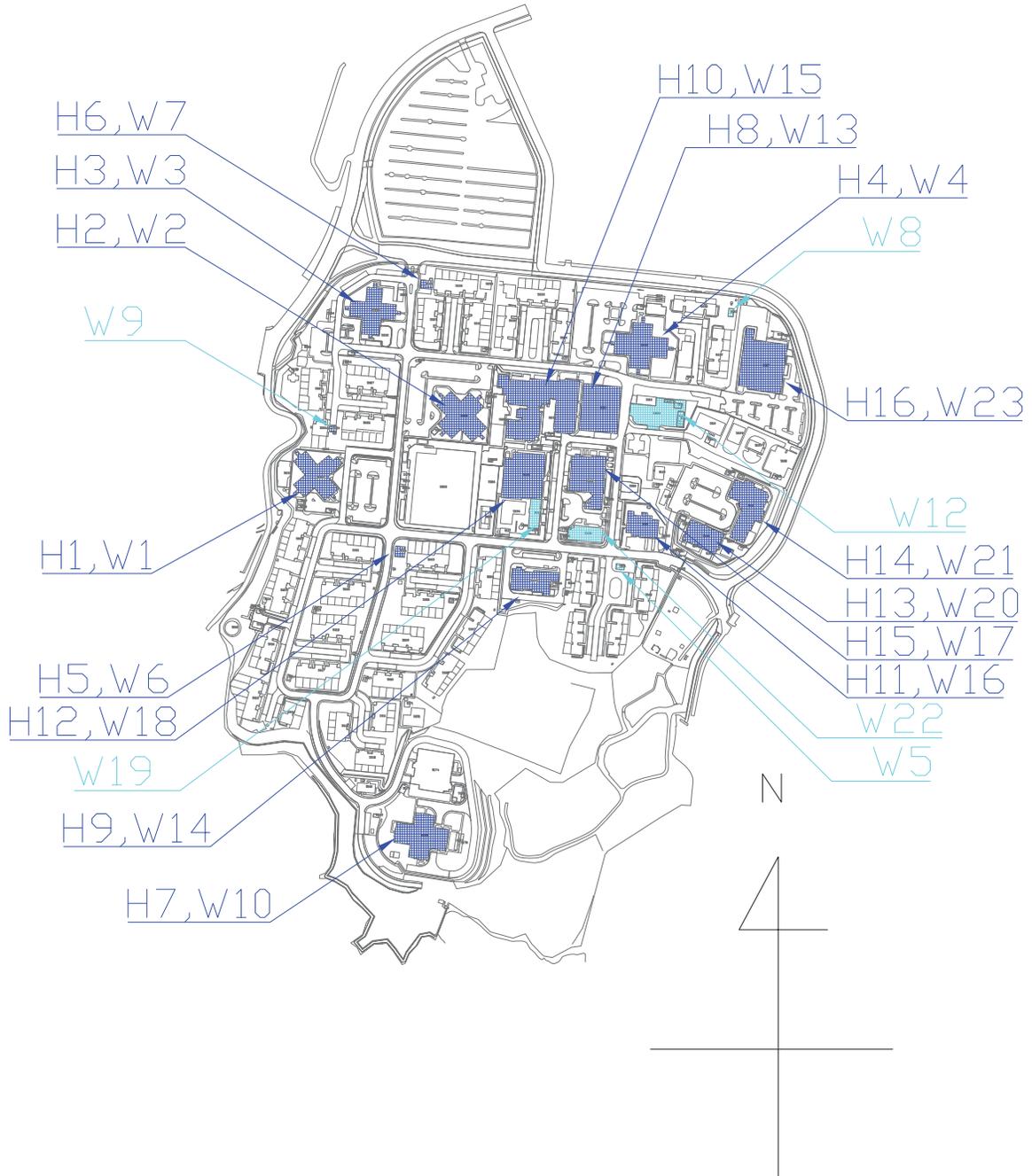
LEGEND

— : Variety

B : Boiler

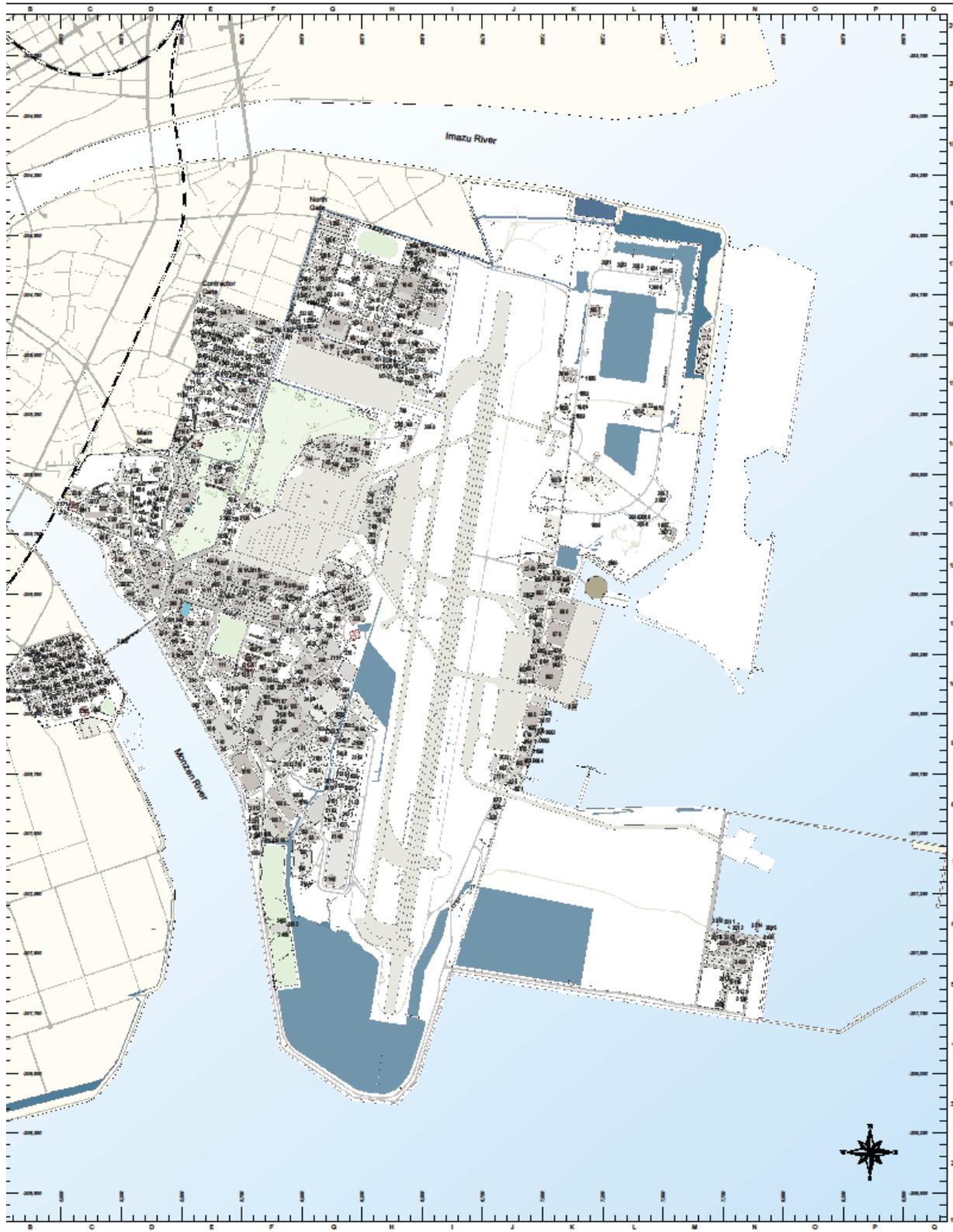
H : Heat Exchanger

W : Hot Water Heater



HARIO HOUSING AREA, SASEBO

ATTACHMENT J-1502000-04-04  
MARINE CORPS AIR STATION IWAKUNI





ATTACHMENT J-1502000-04-05  
 NAVAL AIR FACILITY MISAWA



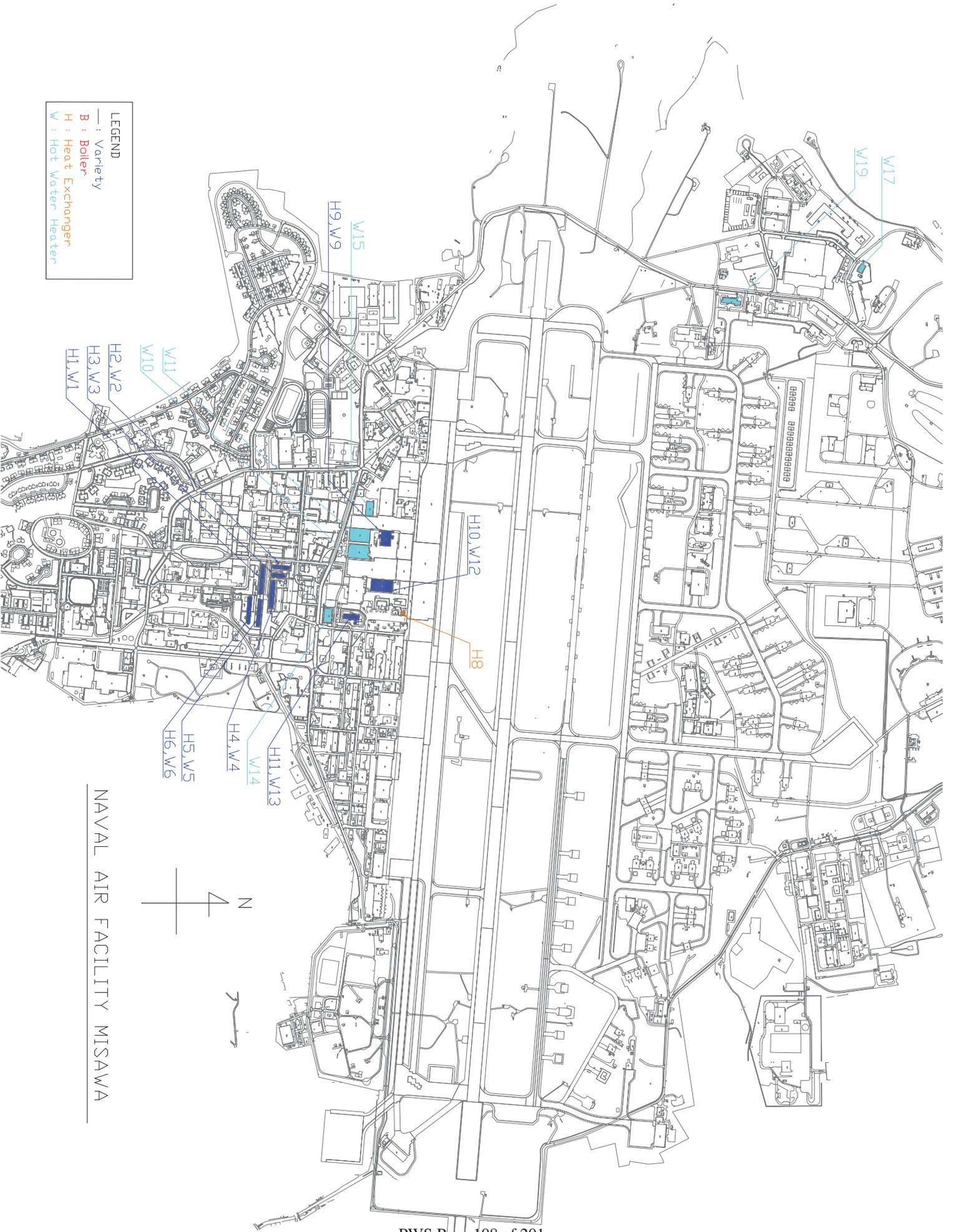
**Legend**

	Runway
	Taxiway
	Building
	Road
	Parking Lot
	Open Area
	Water
	Vegetation
	Utility
	Boundary
	Obstacle
	Elevation
	Direction
	Point of Interest
	Area of Interest
	Unlabeled

1 inch equals 625 feet

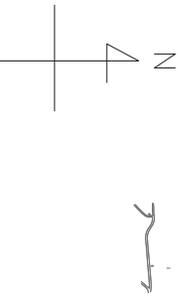
**DEPARTMENT OF THE AIR FORCE**  
**HEADQUARTERS U.S. AIR FORCE**  
**INSTALLATION LAYOUT**  
 MISAWA AIR BASE, JAPAN

**C-1**



**LEGEND**  
 — : Variety  
 B : Boiler  
 H : Heat Exchanger  
 W : Hot Water Heater

NAVAL AIR FACILITY MISAWA



ATTACHMENT J-1502000-05	
BOILER AND UPV INVENTORY AND CERTIFICATION DATES	
Location	Supported Command
J-1502000-05-01	Commander Fleet Activities Yokosuka (CFAY) (Yokosuka)
J-1502000-05-02	Commander Fleet Activities Yokosuka (CFAY) Housing (Yokosuka)
J-1502000-05-03	Fleet Logistics Center (FLC) (Yokosuka)
J-1502000-05-04	Department of Defense Dependant Schools (DoDDS) (Yokosuka)
J-1502000-05-05	U.S. Naval Hospital (USNH) (Yokosuka)
J-1502000-05-06	Ship Repair Facility (SRF) (Yokosuka)
J-1502000-05-07	Public Works Department (PWD) (Yokosuka)
J-1502000-05-08	Public Works Department (PWD) Utilities (Yokosuka)
J-1502000-05-09	Public Works Department (PWD) Utilities (Ikego)
J-1502000-05-10	Commander Fleet Activities Yokosuka (CFAY) Housing (Ikego)
J-1502000-05-11	Commander Fleet Activities Yokosuka (CFAY) (Negishi)
J-1502000-05-12	Public Works Department (PWD) Utilities (Negishi)
J-1502000-05-13	Commander Fleet Activities Yokosuka (CFAY) (Urago)
J-1502000-05-14	New SANNO Hotel (Tokyo)
J-1502000-05-15	Naval Air Facility Atsugi (NAFA) O&M N
J-1502000-05-16	Naval Air Facility Atsugi (NAFA) NWCF
J-1502000-05-17	Naval Air Facility Atsugi (NAFA) Housing (Atsugi)
J-1502000-05-18	Public Works Department (PWD) Utilities (Atsugi)
J-1502000-05-19	Branch Medical Health Clinic (BMHC) (Atsugi)
J-1502000-05-20	Department of Defense Dependant Schools (DoDDS) (Atsugi)
J-1502000-05-21	DEFENSE COMMISSARY AGENCY (DeCA) (Atsugi)
J-1502000-05-22	Branch Medical Health Clinic (BMHC) (Fuji)
J-1502000-05-23	Commander Fleet Activities Sasebo (CFAS) (Sasebo)
J-1502000-05-24	Commander Fleet Activities Sasebo (CFAS) Housing (Hario)
J-1502000-05-25	Defense Commissary Agency (DeCA) (Hario)

ATTACHMENT J-1502000-05	
BOILER AND UPV INVENTORY AND CERTIFICATION DATES	
Location	Supported Command
J-1502000-05-26	Branch Medical Health Clinic (BMHC) (Sasebo)
J-1502000-05-27	Department of Defense Dependant Schools (DoDDS) (Sasebo)
J-1502000-05-28	Public Works Department (PWD) (Sasebo)
J-1502000-05-29	Public Works Department (PWD) (Hario)
J-1502000-05-30	Branch Medical Health Clinic (BMHC) (Hario)
J-1502000-05-31	Department of Defense Dependant Schools (DoDDS) (Hario)
J-1502000-05-32	Commander Fleet Activities Sasebo (CFAS) (Hario)
J-1502000-05-33	Commander Fleet Activities Sasebo (CFAS) Housing (Sasebo)
J-1502000-05-34	Marine Corps Air Station Iwakuni (MCASI)
J-1502000-05-35	Defense Reutilization Marketing Organization (DRMO) (MCASI)
J-1502000-05-36	Branch Medical Health Clinic (BMHC) (MCASI)
J-1502000-05-37	Department of Defense Dependant Schools (DoDDS) (MCASI)
J-1502000-05-38	Marine Corps Air Station Iwakuni (MCASI) Housing (MCASI)
J-1502000-05-39	DEFENSE COMMISSARY AGENCY (DeCA) (MCASI)
J-1502000-05-40	Naval Air Facility Misawa (NAFM)

ATTACHMENT J-1502000-05
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Boiler and UPV Inventory and Certification Dates
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Boiler and UPV Inventory and Certification Dates are attached following pages.



ATTACHMENT J-1502000-05-01  
 COMMANDER FLEET ACTIVITIES YOKOSUKA (CFAY)  
 (YOKOSUKA)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 5-Sep-14 Type of Equipment Domestic Hot Water Heater

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W1	3.65	5.7	Morimatsu	10J-1780	2010	16148	H-20	71	N/A	Internal
W1	3.65	5.7	Morimatsu	10J-1781	2010	16149	H-20	71	N/A	External & Operational
W2	0.97	3	Shimakura	05J-1533	2004	16154	J-200	71	N/A	Internal
W2	0.79	3	Tanaka	93J-1534	1979	112414	J-200	57	N/A	External & Operational
W3	1	2	Shimakura	93J-1535	1979	54567	1393	85	N/A	Internal
W4	1.75	12	Tanaka	93J-1536	1981	114640	1492	57	N/A	External & Operational
W5	0.79	3	Sogo Giken	93J-1537	1981	5349	1493	100	N/A	Internal
W6	0.77	3	Shimakura	93J-1538	1982	57251	1495	100	N/A	External & Operational
W7	1	12	Tanaka	93J-1539	1983	116070	1530	57	N/A	Internal
W8	1.59	11	Sogo Giken	93J-1540	1983	58532	1556	43	N/A	External & Operational
W9	0.85	5.6	Shimakura	93J-1541	1985	59497	1558	85	N/A	Internal
W10	1.75	12	Nitto	93J-1542	1985	60125	1721	71	N/A	External & Operational
W11	1.5	12	Tanaka	93J-1543	1985	119342	1723	57	N/A	Internal
W12	0.99	6.6	Nitto	93J-1544	1991	02464	1969	71	N/A	External & Operational
W13	0.4	2.5	Tanaka	93J-1545	1981	17224	1997	71	N/A	Internal
W14	1.46	6.7	Tanaka	98J-1611	1997	18870	3008	71	N/A	External & Operational
W14	1.46	6.7	Tanaka	98J-1612	1997	18871	3008	71	N/A	Internal
W15	0.87	4	Tanaka	99J-1629	1999	90002	3213	71	N/A	External & Operational





ATTACHMENT J-1502000-05-02  
 COMMANDER FLEET ACTIVITIES YOKOSUKA (CFAY) HOUSING  
 (YOKOSUKA)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 5-Sep-14 Type of Equipment Hot Water Tanks

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W21	1.79	6	Tanaka	99J-1494	1999	19320	1152	71	N/A	Internal
W22	1.79	6	Tanaka	00J-1493	2000	19433	1151	71	N/A	External & Operational
W23	1.79	6.4	Sento	01J-1492	2000	13805	1150	71	N/A	Internal
W24	1.79	6.4	Sento	02J-1491	2002	13968	1149	71	N/A	External & Operational
W25	1.79	6.4	Sento	02J-1490	2001	13950	1148	71	N/A	Internal
W26	1.79	6.4	Shimakura	02J-1489	2002	14096	1147	71	N/A	External & Operational
W27	1.79	6.4	Shimakura	03J-1495	2003	15001	1315	71	4-Aug-14	Internal
W28	1.79	6.4	Shimakura	04J-1496	2004	16003	1316	71	4-Aug-14	External & Operational
W29	1.79	6.4	Shimakura	05J-1497	2005	16234	1516	71	5-Aug-14	Internal
W30	1.79	6.4	Shimakura	06J-1498	2006	17197	1517	71	5-Aug-14	External & Operational
W31	0.99	6.8	Shimakura	14J-1798	2012	24033	3802	71	"NEVER"	Internal
W31	0.99	6.8	Shimakura	14J-1799	2012	24034	3802	71	"NEVER"	External & Operational
W32	0.99	6.8	Shimakura	14J-1801	2013	25013	4309	71	"NEVER"	Internal
W32	0.99	6.8	Shimakura	14J-1802	2013	25014	4309	71	"NEVER"	External & Operational
W33	0.99	6.7	Tanaka	95J-1566	1994	18068	4319	71	N/A	Internal
W33	0.99	6.7	Tanaka	95J-1567	1994	18069	4319	71	23-Jan-13	External & Operational
W34	1.09	6.7	Tanaka	95J-1572	1994	18222	3823	71	N/A	Internal
W34	1.09	6.7	Tanaka	95J-1573	1997	18221	3823	71	16-Jan-13	External & Operational

ATTACHMENT J-1502000-05-02  
 COMMANDER FLEET ACTIVITIES YOKOSUKA (CFAY) HOUSING  
 (YOKOSUKA)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 5-Sep-14 Type of Equipment Hot Water Tanks

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W35	0.82	5	Tokai Tech	97J-1595	1996	18731	3826	71	N/A	Internal
W35	0.82	5	Tokai Tech	97J-1596	1996	18732	3826	71	N/A	External & Operational
W36	0.95	5.5	Nitto	98J-1609	1997	09134	3835	71	N/A	Internal
W36	0.95	5.5	Nitto	98J-1610	1997	09134	3835	71	N/A	External & Operational
W37	0.95	5.5	Shimakura	99J-1626	1998	09358	3839	71	N/A	Internal
W37	0.95	5.5	Shimakura	99J-1627	1998	09357	3839	71	N/A	External & Operational
W38	0.95	5.5	Tanaka	00J-1632	1999	19356	3849	71	N/A	Internal
W38	0.95	5.5	Tanaka	00J-1633	1999	19357	3849	71	N/A	External & Operational
W39	0.95	5.5	Tanaka	00J-1634	1999	19336	3853	71	N/A	Internal
W39	0.95	5.5	Tanaka	00J-1635	1999	19337	3853	71	N/A	External & Operational
W40	0.86	5	N.Y.K.	04J-1652	2002	19863	4401	71	18-Aug-14	Internal
W40	0.86	5	N.Y.K.	04J-1653	2002	19864	4401	71	18-Aug-14	External & Operational
W41	0.86	5	N.Y.K.	04J-1654	2002	19865	4402	71	20-Aug-14	Internal
W41	0.86	5	N.Y.K.	04J-1655	2002	19866	4402	71	N/A	External & Operational
W43	1.02	3	Tanaka	99J-1503	1998	unknown	1272 - B	71	19-Aug-14	Internal
W44	1.53	4.5	Tanaka	99J-1504	1998	unknown	1277-A	71	21-Aug-14	External & Operational
W45	1.87	5.5	Tanaka	99J-1505	1998	unknown	1289-C	71	21-Aug-14	Internal
W46	1.36	4	Tanaka	99J-1506	1999	16868	1380-Q	71	N/A	External & Operational























ATTACHMENT J-1502000-05-10  
 COMMANDER FLEET ACTIVITIES YOKOSUKA (CFAY) HOUSING  
 (IKEGO)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 5-Sep-14 Type of Equipment Heat Exchangers

MAP SYMBOL	SIZE		PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>							
H1	8.4	0.24	06J-1706	1994	18288	622	71	N/A	Internal
H2	8.5	0.24	06J-1707	1994	06233	630	71	N/A	External & Operational
H3	8.4	0.24	06J-1708	1994	06232	645	71	N/A	Internal
H4	8	0.22	06J-1709	1994	06231	656	71	N/A	External & Operational
H5	6.9	0.19	06J-1711	1994	18261	666	71	N/A	Internal
H6	6.4	0.18	06J-1716	1996	unknown	685	71	N/A	External & Operational
H7	6.2	0.18	06J-1720	1997	unknown	725	71	N/A	Internal
H8	11.4	0.32	06J-1710	1994	18151	665	142	N/A	External & Operational
H9	9.3	0.26	06J-1712	1997	09014	677	142	N/A	Internal
H10	9.3	0.26	06J-1713	1996	18659	678	142	N/A	External & Operational
H11	9.3	0.26	06J-1714	1997	18860	679	142	N/A	Internal
H12	9	0.26	06J-1715	1996	08065	680	142	N/A	External & Operational
H13	9.3	0.26	06J-1717	1996	18656	692	142	N/A	Internal
H14	9.3	0.26	06J-1718	1997	09006	693	142	N/A	External & Operational
H15	6.9	0.2	06J-1719	1997	09010	694	71	N/A	Internal
								14-Dec-11	External & Operational

ATTACHMENT J-1502000-05-10  
 COMMANDER FLEET ACTIVITIES YOKOSUKA (CFAY) HOUSING  
 (IKEGO)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 5-Sep-14 Type of Equipment Hot Water Tanks

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W1	0.93	5.5	Tokai Tech	96J-1579	1994	18289	622	71	N/A	Internal
W1	0.93	5.5	Tokai Tech	96J-1580	1994	18290	622	71	N/A	External & Operational
W2	0.8	5	Nitto	96J-1581	1994	06240	630	71	N/A	Internal
W2	0.8	5	Nitto	96J-1582	1994	06241	630	71	13-Mar-13	External & Operational
W3	0.83	5.5	Nitto	96J-1583	1994	06256	645	71	N/A	Internal
W3	0.83	5.5	Nitto	96J-1584	1994	06257	645	71	13-Mar-13	External & Operational
W4	0.77	5	Nitto	96J-1585	1994	06239	656	71	N/A	Internal
W4	0.77	5	Nitto	96J-1586	1994	06238	656	71	13-Mar-13	External & Operational
W5	0.67	4.1	Nitto	96J-1589	1994	18263	666	71	N/A	Internal
W5	0.67	4.1	Tanaka	96J-1590	1994	18264	666	71	19-Mar-13	External & Operational
W6	0.41	2.5	Nitto	97J-1598	1996	unknown	685	71	N/A	Internal
W6	0.41	2.5	Nitto	97J-1599	1996	07395	685	71	19-Mar-13	External & Operational
W7	0.52	3	Nitto	97J-1606	1997	unknown	725	71	N/A	Internal
W7	0.52	3	Nitto	97J-1607	1997	08361	725	71	22-Oct-13	External & Operational
W8	1.09	6.8	Tanaka	96J-1587	1994	18149	665	71	N/A	Internal
W8	1.09	6.8	Tanaka	96J-1588	1994	18148	665	71	26-Feb-13	External & Operational
W9	0.98	6	Nitto	98J-1613	1997	09012	677	71	N/A	Internal
W9	0.98	6	Nitto	98J-1614	1997	09013	677	71	20-Feb-13	External & Operational

















ATTACHMENT J-1502000-05-15  
 NAVAL AIR FACILITY ATSUGI (NAFA) O and M N  
 (ATSUGI)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 10-Nov-14

Type of Equipment

Heat Exchangers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
H1	7	0.2	NITTO KOGYO	BAP2X0008250	1998	N-090722-3	1289	71	Unknownr	Internal
H2	9.3	0.26	NITTO KOGYO	BAP2X0008224	1994	N-060121-3	1290	28	Unknownr	External & Operational
H3	19.7	0.56	BELTECNO	BAP2X0004580	2009	TQ-01173	1300	71	Unknownr	Internal
H5	7	0.2	NITTO KOGYO	BAP2X0021129	1998	N-090424-2	1342	71	Unknownr	External & Operational
H6	2.5	0.07	TANAKA KOGYO	BAP2X0021173	1995	355.6X1000L	1401	71	Unknownr	Internal
H6	3.5	0.1	TANAKA KOGYO	BAP2X0021181	1995	Unknown	1430	71	Unknownr	External & Operational
H7	3.5	0.1	NITTO KOGYO	AEQ9305	1998	N-090710-2	1430	71	Unknownr	Internal
H7	3.5	0.1	NITTO KOGYO	BAP2X0021485	1998	N-090710-1	1430	71	Unknownr	External & Operational
H8	2.8	0.08	NYK	BAP2X0021637	2004	23080565	1445	73	Unknownr	Internal
H9	4.6	0.13	NITTO KOGYO	BAP2X0021809	1995	N-060921-2	1508	71	Unknownr	External & Operational
H10	2.4	0.07	NITTO KOGYO	BAP2X0021596	1994	N-060302-2	1518	28	Unknownr	Internal
H12	1.2	0.03	TANAKA KOGYO	BAP2X0022014	2002	2077	1524	71	Unknownr	External & Operational
H13	10.2	0.29	MORIMATSU	BAP2X0021543	2010	02020534-02	194	71	Unknownr	Internal
H14	4.1	0.12	TANAKA KOGYO	BAP2X0021086	1992	Unknown	206	57	Unknownr	External & Operational
H15	3.7	0.1	NITTO KOGYO	BAP2X0022023	1989	N-010712-2	223	28	Unknownr	Internal
H16	1.6	0.05	MORIMATSU	AF000000037	2003	02013682-02	28	142	Unknownr	External & Operational
H18	4.6	0.13	NITTO KOGYO	BAP2X0021400	1995	N-060726-3	3076	28.439	Unknownr	Internal
H19	5	0.14	NITTO KOGYO	BAP2X0021526	1999	N-100706-2	3250	71.098	Unknownr	External & Operational



ATTACHMENT J-1502000-05-15  
 NAVAL AIR FACILITY ATSUGI (NAFA) O and M N  
 (ATSUGI)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 10-Nov-14

Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
	211.9	6	NITTO KOGYO	BAP2X0008248	1998	N-090722-1B	1289	71	Unknownr	Internal
	211.9	6	NITTO KOGYO	BAP2X0008249	1998	N-090722-1A	1289	71	Unknownr	External & Operational
	123.6	3.5	NITTO KOGYO	BAP2X0008225	1994	N-060121-1A	1290	28	Unknownr	Internal
	123.6	3.5	NITTO KOGYO	BAP2X0008226	1994	N-060121-1B	1290	28	Unknownr	External & Operational
	77.7	2.2	BELTECNO	BLAC001022551	2009	TQ01170	1300	71	Unknownr	Internal
	17.7	0.5	TANAKA KOGYO	BAP2X0021324	2002	2093	1301	71	Unknownr	External & Operational
	17.7	0.5	TANAKA KOGYO	BAP2X0021329	2002	2026	1302	71	Unknownr	Internal
	53	1.5	NITTO KOGYO	BAP2X00021058	1994	N-060124-1	1340	28	Unknownr	External & Operational
	53	1.5	NITTO KOGYO	BLAC001042599	1998	N-090424-1	1342	71	Unknownr	Internal
	62.8	1.78	TANAKA KOGYO	BAP2X0021174	1995	1250X1450H	1401	71	Unknownr	External & Operational
	62.8	1.78	TANAKA KOGYO	BAP2X0021180	1995	1250X1450H	1401	71	Unknownr	Internal
	158.9	4.5	NITTO KOGYO	AEQ9304	1998	N-090710-8	1430	71	Unknownr	External & Operational
	158.9	4.5	NITTO KOGYO	BAP2X0021086	1998	N-030710-7	1430	71	Unknownr	Internal
	28.3	0.8	TANAKA KOGYO	BAP2X0021464	2000	Unknown	1440	71	Unknownr	External & Operational
	53	1.5	NYK	BAP2X0021636	2004	23080405	1445	73	Unknownr	Internal
	70.6	2	SHIMAKURA	AEQ9807	2009	Unknown	1460	123	Unknownr	External & Operational
	28.3	0.8	BELTECNO	BLAC001057812	2011	TS 02046	1502	71	Unknownr	Internal
	123.6	3.5	TANAKA KOGYO	BAP2X0021808	1995	N-060921-1	1508	71	Unknownr	External & Operational

ATTACHMENT J-1502000-05-15  
 NAVAL AIR FACILITY ATSUGI (NAFA) O and M N  
 (ATSUGI)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 10-Nov-14

Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
	16.3	0.46	Unknown	BAP2X0021871	1954	71-100	150A	Unknown	Unknown	Internal
	17.7	0.5	NITTO KOGYO	BAP2X0021595	1994	N-060302-1	1518	28	Unknown	External & Operational
	123.6	3.5	TANAKA KOGYO	BAP2X0022062	2002	2068-2	1520	71	Unknown	Internal
	123.6	3.5	TANAKA KOGYO	BAP2X0022061	2002	2068-1	1520	71	Unknown	External & Operational
	26.1	0.74	TANAKA KOGYO	BAP2X0022013	2002	2077	1524	71	Unknown	Internal
	85.5	2.42	MORIMATSU	BAP2X0021544	2010	02020534-01	194	71	Unknown	External & Operational
	35.3	1	TANAKA KOGYO	A9192	2003	23900	206	71	Unknown	Internal
	84.8	2.4	NITTO	BAP2X0022022	1989	N-010712-1	223	28	Unknown	External & Operational
	28.3	0.8	MORIMATSU	AEQ8587	2003	02013682-01	28	71	Unknown	Internal
	17.8	0.5	MORIMATSU	BAP2X0021401	2010	02021298-02	286	71	Unknown	External & Operational
	194.2	5.5	NITTO KOGYO	BAP2X0021387	1994	N-D060726-1A	3076	28.439	Unknown	Internal
	194.2	5.5	NITTO KOGYO	BAP2X0021388	1993	N-060726-1B	3076	28.439	Unknown	External & Operational
	83.9	2.38	NITTO KOGYO	BAP2X0021527	1999	N-100706-1	3250	71.098	Unknown	Internal
	388.5	11	NITTO KOGYO	BAP2X0021136	1992	N-031119-1	480	28.439	Unknown	External & Operational
	221.2	6.26	MORIMATSU	BAP2X0008317	2005	02016289-02	482	71.05	Unknown	Internal
	221.2	6.26	MORIMATSU	BAP2X0008316	2005	02016289-01	482	71.05	Unknown	External & Operational
	130.5	3.69	TANAKA KOGYO	BAP2X0007163	2001	44418	484	71.05	Unknown	Internal
	32.5	0.92	TANAKA KOGYO	BAP2X0008307	2001	Unknown	485	71.098	Unknown	External & Operational

ATTACHMENT J-1502000-05-15  
 NAVAL AIR FACILITY ATSUGI (NAFA) O and M N  
 (ATSUGI)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 10-Nov-14

Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
	44	1.25	ROYE HANSON JR	BAP2X0021064	2000	394242	495	125	Unknownr	Internal
	36.2	1.03	MORIMATSU	BAP2X0021739	1998	2007301-01	497	71.098	Unknownr	External & Operational
	16.3	0.46	Unknown	AEQ8638	2000	Unknown	52	Unknown	Unknownr	Internal
	68.5	1.94	MORIMATSU	BAP2X0021114 9	2000	02011123-01	70	71	Unknownr	External & Operational
	3.9	0.11	MORIMATSU	AEQ8515	2000	02011123-02	70	71	Unknownr	Internal
	35.1	0.99	SHIMAKURA	AEQ4944	1983	Unknown	77	142	Unknownr	External & Operational
	17.2	0.49	TANAKAKOGYO F	BAP2X0021851	1989	Unknown	934	71	Unknownr	Internal
	67.1	1.9	TANAKAKOGYO F	BAP2X008877	1994	Unknown	946	71	Unknownr	External & Operational
	26.1	0.74	TANAKAKOGYO F	BAP2X0021006	1995	Unknown	949	71	Unknownr	Internal
	10.6	0.3	SENTO	BAP2X0008838	2002	2916	958	71	Unknownr	External & Operational
	26.9	0.76	MORIMATSU	BAP2X0008324	2000	02011059-01	970	28.42	Unknownr	Internal
	14.9	0.42	SHIMAKURA	AEQ5282	2014	32729	978	71	Unknownr	External & Operational
	404.4	11.45	MORIMATSU	BAP2X0021023	2002	2013184-01	979	71	Unknownr	Internal
	404.4	11.45	BELTECNO	BAP2X0008204	2112	TT 01064	981	71	Unknownr	External & Operational
	77.2	2.19	MORIMATSU	BAP2X0008241	1998	2006586-01	983	71	Unknownr	Internal
	404.7	11.46	MORIMATSU	BAP2X0004566	2001	02011454-02	985	71	Unknownr	External & Operational
	423.4	11.99	MORIMATSU	BAP2X0021105	2014	02025297-01	986	71	Unknownr	Internal
									Unknownr	External & Operational





ATTACHMENT J-1502000-05-17  
 NAVAL AIR FACILITY ATSUGI (NAFA) HOUSING  
 (ATSUGI)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 10-Nov-14

Type of Equipment

Heat Exchangers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
	3.7	0.1	SHIMAKURA	Unknown	2013	31852	3042	142	Unknownr	Internal
	3.7	0.1	SHIMAKURA	Unknown	2013	31853	3051	142	Unknownr	External & Operational
	6.9	0.19	TANAKAKOGYOF	A9676	2013	02025071-04	3050	71	Unknownr	Internal
	8.7	0.25	TANAKAKOGYOF	A3112	1991	Unknown	3051	28	Unknownr	External & Operational
	8.7	0.25	TANAKAKOGYOF	A3683	1993	Unknown	3052	28	Unknownr	Internal
	7.9	0.22	TANAKAKOGYOF	A9707	1996	Unknown	3069	71	Unknownr	External & Operational
	6.1	0.17	NITTO Kougyou	A9717	1995	N-061212-3	3101	71	Unknownr	Internal
	7.9	0.22	TANAKAKOGYOF	A9726	1996	Unknown	3102	71	Unknownr	External & Operational
	1.6	0.04	TANAKAKOGYOF	Unknown	1998	Unknown	3115	71	Unknownr	Internal
	4.2	0.12	TANAKAKOGYOF	Unknown	1998	Unknown	3125	71	Unknownr	External & Operational
	7	0.2	TANAKAKOGYOF	Unknown	1998	Unknown	3136	71	Unknownr	Internal
	10.3	0.29	NITTO Kougyou	A7510	1990	N-020522-2	539	28	Unknownr	External & Operational
	9.1	0.26	MORIMATSU	A7583	2007	02017656-02	540	71	Unknownr	Internal
	8.4	0.24	MORIMATSU	A7649	2007	02017656-05	541	71	Unknownr	External & Operational
	8.1	0.23	MORIMATSU	A7717	2007	02017656-07	542	71	Unknownr	Internal
	6.9	0.2	MORIMATSU	A7823	2008	02017656-09	543	116	Unknownr	External & Operational
	6.5	0.18	MORIMATSU	AEQ9253	2008	02017656-11	544	71	Unknownr	Internal
	3.1	0.09	SHIMAKURA	AEQ9293	2013	32478	546	142	Unknownr	External & Operational



ATTACHMENT J-1502000-05-17  
 NAVAL AIR FACILITY ATSUGI (NAFA) HOUSING  
 (ATSUGI)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 10-Nov-14

Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
	229.5	6.5	MORIMATSU	A9324	2001	02011868-01	3042	71	Unknown	Internal
	205.3	5.81	MORIMATSU	A9333	2002	02011868-02	3043	71	Unknown	External & Operational
	209.3	5.93	TANAKAKOGYO F	A9345	2013	02025071-02	3050	71	Unknown	Internal
	209.3	5.93	TANAKAKOGYO F	A2390	2013	02025071-03	3050	71	Unknown	External & Operational
	135.9	3.85	TANAKAKOGYO F	AEQ9308	1991	Unknown	3051	71	Unknown	Internal
	135.9	3.85	TANAKAKOGYO F	A9355	1991	Unknown	3051	71	Unknown	External & Operational
	135.9	3.85	TANAKAKOGYO F	AEQ9309	1992	Unknown	3052	71	Unknown	Internal
	135.9	3.85	TANAKAKOGYO F	A9363	1992	Unknown	3052	71	Unknown	External & Operational
	168.5	4.77	TANAKAKOGYO F	A9373	1996	Unknown	3069	71	Unknown	Internal
	168.5	4.77	TANAKAKOGYO F	A4391	1996	Unknown	3069	71	Unknown	External & Operational
	135.9	3.85	NITTO Kougyou	A9383	1995	N-061212-1A	3101	71	Unknown	Internal
	135.9	3.85	NITTO Kougyou	A5135	1995	N-061212-1B	3101	71	Unknown	External & Operational
	168.5	4.77	TANAKAKOGYO F	A9393	1996	Unknown	3102	71	Unknown	Internal
	168.5	4.77	TANAKAKOGYO F	A5752	1996	Unknown	3102	71	Unknown	External & Operational
	67.1	1.9	TANAKAKOGYO F	A9400	1998	Unknown	3115	71	Unknown	Internal
	131.2	3.72	TANAKAKOGYO F	A9410	1998	Unknown	3125	100	Unknown	External & Operational
	117.2	3.32	TANAKAKOGYO F	A9420	1998	Unknown	3136	71	Unknown	Internal
	117.2	3.32	TANAKAKOGYO F	A6858	1998	Unknown	3136	71	Unknown	External & Operational



















ATTACHMENT J-1502000-05-23  
 COMMANDER FLEET ACTIVITIES SASEBO (CFAS)  
 (SASEBO)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 2-Sep-14 Type of Equipment Heat Exchangers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
H1	8.21	0.23	Kobori	02HE-053	2001	Fukuoka-01035	151	72.5	19-Aug-14 19-Aug-14	Internal External & Operational
H2	5.63	0.16	Kobori	00HE-051	2000	Fukuoka-99030	1455	71.00	N/A 29-Jul-13	Internal External & Operational
H3	3.78	0.1	Kobori	92HE-025	1992	Fukuoka-15106	1603	71.12	N/A 17-Jan-13	Internal External & Operational
H4	2.48	0.07	Kobori	96HE-042	1996	unknown	5	71.12	N/A 17-Jan-13	Internal External & Operational
H6	10.9	0.3	Kobori	01HE-052	2001	Fukuoka-01051	155	71.05	N/A 29-Jul-13	Internal External & Operational
H7	2.40	0.066	Morimatsu	05HE-056	2005	Gi-14827	222	71.05	N/A 30-Jul-13	Internal External & Operational
H7	3.27	0.09	Morimatsu	05HE-057	2005	Gi-14828	222	71.05	N/A 30-Jul-13	Internal External & Operational
H8	3.25	0.09	Kobori	98HE-045	1997	Fukuoka-97095	320	71.12	N/A 31-Jul-13	Internal External & Operational
H8	2.53	0.07	Kobori	98HE-046	1997	Fukuoka-97096	320	71.12	N/A 31-Jul-13	Internal External & Operational
H9	19.61	0.54	Kobori	05HE-058	2004	No. 1873	480	71.05	N/A 2-Aug-13	Internal External & Operational
H9	19.97	0.55	Kobori	05HE-059	2004	No. 1874	480	71.05	N/A 2-Aug-13	Internal External & Operational
H10	5.56	0.15	Kobori	88HE-009	1988	Fukuoka-14555	1523	64	19-Aug-14 19-Aug-14	Internal External & Operational
H11	2.61	0.07	Kobori	94HE-038	1994	Fukuoka-94060	1632	71.12	N/A 18-Jan-13	Internal External & Operational
H12	3.96	0.109	Kobori	99HE-048	1999	Fukuoka-99002	16	71.12	N/A 29-Jul-13	Internal External & Operational
H13	4.32	0.12	Bell Techno	06HE-060	2005	Ai-42353	230	149.0	N/A 30-Jul-13	Internal External & Operational
H14	1.02	0.028	Morimatsu	01HE-061	2001	Gi-13337	310	142.1	N/A 31-Jul-13	Internal External & Operational
H14	1.67	0.046	Morimatsu	01HE-062	2001	Gi-13338	310	142.1	N/A 31-Jul-13	Internal External & Operational
H15	2.32	0.06	Kobori	98HE-047	1998	Fukuoka-98046	500	71.12	N/A 31-Jul-13	Internal External & Operational



ATTACHMENT J-1502000-05-23  
 COMMANDER FLEET ACTIVITIES SASEBO (CFAS)  
 (SASEBO)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 2-Sep-14 Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
W2	226.03	6.4	Morimatsu	02HT-070	2003	Gi-14054	98	71.05	Jan-15	Internal
W3	265.55	7.52	Morimatsu	02HT-071	2002	Gi-13496	151	71.05	Jan-15	External & Operational
W3	265.55	7.52	Morimatsu	02HT-072	2002	Gi-13495	151	71.05	N/A	Internal
W4	93.55	2.65	Shimakura	00HT-064	1999	Sai-12139	1455	50.0	29-Jul-13	External & Operational
W5	92.46	2.62	Onsui	92HT-033	1992	Oka-8707	1603	71.12	N/A	Internal
W6	91.4	2.59	SHIMAKURA	11HT-093	2010	Sai-22033	1604	71.05	30-Jul-13	External & Operational
W7	43.09	1.22	Shimakura	86HT-002	1986	unknown	PW47	114.00	Jan-15	Internal
W8	40.26	1.14	Belltechno	00HT-060	2000	TG-14864	100	71.05	Jan-15	External & Operational
W9	28.92	0.82	Belltechno	01HT-066	2002	Gi-13616	155	71.05	N/A	Internal
W10	98.89	2.8	Morimatsu	05HT-080	2005	Gi-14829	222	72.5	Jan-15	External & Operational
W11	59.51	1.69	Morimatsu	98HT-055	1998	Gi-12019	320	71.12	Jan-15	Internal
W12	230.97	6.54	Morimatsu	05HT-081	2005	Gi-14561	480	71.05	Jan-15	External & Operational
W12	113.72	3.22	Morimatsu	05HT-082	2005	Gi-14704	480	71.05	2-Aug-13	Internal
W13	136.92	3.88	Morimatsu	05HT-083	2005	Gi-14702	485	71.05	2-Aug-13	External & Operational
W14	123.61	3.5	Onsui	88HT-012	1987	Oka-8059	1523	71.12	N/A	Internal
W15	19.21	0.54	Onsui	94HT-046	1994	Oka-9060	1632	71.12	29-Jul-13	External & Operational
W16	32.35	0.92	Morimatsu	98HT-056	1998	Gi-12446	500	71.12	31-Jul-13	Internal
W17	49.44	1.4	Shimakura	91HT-028	1990	unknown	508	56.89	Jan-15	External & Operational

ATTACHMENT J-1502000-05-23  
 COMMANDER FLEET ACTIVITIES SASEBO (CFAS)  
 (SASEBO)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

Type of Equipment Domestic Hot Water Heaters

DATE: 2-Sep-14

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
W18	56.51	1.6	Shimajura	97HT-053	1987	unknown	1227	113.78	Jan-15	Internal
W19	41.25	1.17	Kobori	88HT-011	2000	Fukuoka-14670	1446	71.12	Jan-15	External & Operational
W19	18.72	0.53	Morimatsu	02HT-073	2002	unknown	1446	71.05	Jan-15	Internal
W19	98.89	2.8	Morimatsu	02HT-074	2002	unknown	1446	71.05	Jan-15	External & Operational
W20	18.01	0.51	Onsui	92HT-030	1991	unknown	1600	71.12	Jan-15	Internal
W21	97.47	2.76	Onsui	96HT-051	1995	unknown	1649	71.12	Jan-15	External & Operational
W22	92.6	2.62	Belltechno	99HT-057	1999	Gi-12614	16	71.12	31-Jul-13	Internal
W23	49.44	1.40	Shimakura	92HT-029	1987	Sai-62127	129	113.76	N/A	External & Operational
W24	73.46	2.08	Shimakura	89HT-025	1986	unknown	330	113.78	31-Jul-13	Internal
W25	1.80	0.051	Onsui	92HT-031	1991	unknown	1601	71.12	Jan-15	External & Operational
W27	19.21	0.54	Onsui	94HT-045	1993	Oka-8982	1625	71.12	Jan-15	Internal
W28	258.8	7.33	Belltechno	06HT-088	2006	Ai-42402	430	72.5	31-Jul-13	External & Operational
W28	258.8	7.33	Belltechno	06HT-089	2006	Ai-42403	430	72.5	Jan-15	Internal
W29	17.66	0.5	Morimatsu	07HT-092	2007	Gi-15537	35	71.05	Jan-15	External & Operational
W30	137.74	3.9	Shimakura	89HT-026	1989	unknown	502	106.67	N/A	Internal
									29-Jul-13	External & Operational
									N/A	Internal
									31-Jul-13	External & Operational



ATTACHMENT J-1502000-05-24  
 COMMANDER FLEET ACTIVITIES SASEBO (CFAS) HOUSING  
 (HARIO)  
 INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

Type of Equipment Domestic Hot Water Heaters

DATE: 2-Sep-14

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
W1	159.03	4.5	Onsui	93HT-041	1993	No.5-006	5023	71.12	Jan-15	Internal
									Jan-15	External & Operational
W1	159.03	4.5	Onsui	93HT-042	1993	No.5-007	5023	71.12	Jan-15	Internal
									Jan-15	External & Operational
W2	238.74	6.76	Onsui	92HT-036	1992	unknown	5024	71.12	Jan-15	Internal
									Jan-15	External & Operational
W2	238.74	6.76	Onsui	92HT-037	1992	unknown	5024	71.12	Jan-15	Internal
									Jan-15	External & Operational
W3	170.9	4.84	Onsui	88HT-014	1988	Oka-8036	5028	71.12	Jan-15	Internal
									Jan-15	External & Operational
W3	170.9	4.84	Onsui	88HT-015	1988	Oka-8038	5028	71.12	N/A	Internal
									25-Apr-13	External & Operational
W4	236.62	6.7	Onsui	92HT-038	1992	unknown	5035	71.12	Jan-15	Internal
									Jan-15	External & Operational
W4	236.62	6.7	Onsui	92HT-039	1992	unknown	5035	71.12	Jan-15	Internal
									Jan-15	External & Operational
W5	174.11	4.93	Onsui	89HT-027	1988	unknown	5101	71.12	N/A	Internal
									25-Apr-13	External & Operational
W6	395.55	11.2	Onsui	88HT-016	1988	unknown	5104	71.12	N/A	Internal
									25-Apr-13	External & Operational
W6	387.07	10.96	Onsui	88HT-017	1988	unknown	5104	71.12	N/A	Internal
									25-Apr-13	External & Operational
W7	114.96	3.26	Onsui	93HT-043	1994	No.5-021	5105	71.12	N/A	Internal
									25-Apr-13	External & Operational
W8	226.03	6.4	Onsui	88HT-019	1988	unknown	5107	71.12	N/A	Internal
									25-Apr-13	External & Operational
W10	136.15	3.86	Belltechno	07HT-090	2006	Gi-15237	5039	71.05	N/A	Internal
									25-Apr-13	External & Operational
W11	136.15	3.86	Belltechno	07HT-091	2006	Gi-15238	5039	71.05	N/A	Internal
									25-Apr-13	External & Operational



























ATTACHMENT J-1502000-05-32  
 COMMANDER FLEET ACTIVITIES SASEBO (CFAS)  
 (Hario)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 2-Sep-14 Type of Equipment Heat Exchangers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
H11	4.25	0.117	Kobori	87HE-007	1988	unknown	5121	71.12	21-Aug-14	Internal
H11	1.35	0.037	Kobori	92HE-032	1992	Fukuoka-14582	5121	71.12	N/A	External & Operational
H12	1.85	0.05	Kobori	92HE-031	1992	Fukuoka-15201	5115	71.12	23-Jan-13	Internal
H13	2.05	0.06	Kobori	95HE-040	1995	Fukuoka-94145	5140	71.12	N/A	External & Operational
H14	4.36	0.12	Nitto	95HE-041	1994	Fukuoka-94146	5141	71.12	22-Jan-13	Internal
H15	4.36	0.12	Kobori	88HE-019	1987	unknown	5118	71.12	N/A	External & Operational
H15	2.69	0.07	Kobori	88HE-020	1987	unknown	5118	71.12	23-Jan-13	Internal
									20-Aug-14	External & Operational
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ATTACHMENT J-1502000-05-34  
MARINE CORPS AIR STATION (MCAS)  
(IWAKUNI)  
INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 29-Aug-14

Type of Equipment

Boilers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	BHP	m <sup>2</sup>								
B1	920	148	TAKUMA	13-J-981	2012	R-12006	175	145	Sep-14	Internal
B1	920	148	TAKUMA	13-J-982	2012	R-12007	175	145	Sep-14	External & Operational
B1	920	148	TAKUMA	13-J-983	2012	R-12008	175	145	Sep-14	Internal
B1	920	148	TAKUMA	13-J-984	2012	R-12009	175	145	Sep-14	External & Operational
B4	613	93	TAKUMA	99-J-971	1999	R-8097	1705	142	Sep-14	Internal
B4	613	93	TAKUMA	99-J-972	1999	R-8098	1705	142	Sep-14	External & Operational
B4	613	93	TAKUMA	99-J-973	1999	R-8099	1705	142	Sep-14	Internal
B4	613	93	TAKUMA	99-J-974	1999	R-8100	1705	142	Sep-14	External & Operational
B5	920	148	TAKUMA	14-J-991	2013	R-12010	6050	145	Sep-14	Internal
B5	920	148	TAKUMA	14-J-992	2013	R-12011	6050	145	Sep-14	External & Operational
B5	920	148	TAKUMA	14-J-993	2013	R-12012	6050	145	Sep-14	Internal
B5	920	148	TAKUMA	14-J-994	2013	R-12013	6050	145	Sep-14	External & Operational
B5	920	148	TAKUMA	14-J-995	2013	R-12014	6050	145	Sep-14	Internal
B5	920	148	TAKUMA	14-J-996	2013	R-12015	6050	145	Sep-14	External & Operational

Note 1: It means that "NEVER" in DATE Last INSPECTED has never been inspected except manufacturing inspection.

ATTACHMENT J-1502000-05-34  
MARINE CORPS AIR STATION (MCAS)  
(IWAKUNI)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 29-Apr-14

Type of Equipment

Heat Exchangers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
H1	3.60	0.102	CHUGOKU-KINZOKU	02-HE-0001	2002	Unknown	1	72.5	N/A	Internal
H2	2.12	0.06	CHUGOKU-KINZOKU	98-HE-0001	1998	Unknown	119	71.1	N/A	External & Operational
H3	0.81	0.023	CHUGOKU-KINZOKU	95-HE-0001	1995	Unknown	123	71.1	N/A	Internal
H4	1.41	0.04	CHUGOKU-KINZOKU	95-HE-0002	1995	Unknown	125	71.1	N/A	External & Operational
H5	2.40	0.068	CHUGOKU-KINZOKU	99-HE-0001	1999	Unknown	127	71.1	N/A	Internal
H6	2.15	0.061	CHUGOKU-KINZOKU	00-HE-0001	2000	Unknown	130	71.1	N/A	External & Operational
H7	2.83	0.08	CHUGOKU-KINZOKU	91-HE-0001	1991	Unknown	155	100.1	N/A	Internal
H8	4.59	0.13	MORIMATSU KOUGYO	11-HE-0001	2011	Unknown	222	142.1	N/A	External & Operational
H9	1.38	0.039	CHUGOKU-KINZOKU	94-HE-0001	1994	Unknown	230	71.1	N/A	Internal
H10	2.54	0.072	CHUGOKU-KINZOKU	87-HE-0001	1987	Unknown	246	71.1	N/A	External & Operational
H11	2.12	0.06	CHUGOKU-KINZOKU	83-HE-0001	1983	Unknown	313	137.8	N/A	Internal
H12	2.12	0.06	CHUGOKU-KINZOKU	83-HE-0002	1983	Unknown	314	137.8	N/A	External & Operational
H13	6.07	0.172	CHUGOKU-KINZOKU	89-HE-0001	1989	Unknown	318	71.1	N/A	Internal
H14	2.12	0.06	CHUGOKU-KINZOKU	83-HE-0003	1983	Unknown	330	137.8	N/A	External & Operational
H15	6.07	0.172	CHUGOKU-KINZOKU	90-HE-0002	1990	Unknown	335	71.1	N/A	Internal
H16	4.03	0.114	CHUGOKU-KINZOKU	99-HE-0002	1999	Unknown	411	71.1	N/A	External & Operational
H17	0.81	0.023	SHIMAKURA	87-HE-0002	1987	Unknown	443	142.1	N/A	Internal
H18	4.17	0.118	CHUGOKU-KINZOKU	88-HE-0001	1988	Unknown	446	142.1	N/A	External & Operational

ATTACHMENT J-1502000-05-34  
MARINE CORPS AIR STATION (MCAS)  
(IWAKUNI)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 29-Apr-14

Type of Equipment Heat Exchangers

MAP SYMBOL	SIZE		PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>							
H19	1.45	0.041	88-HE-0002	1988	Unknown	471	50.8	N/A	Internal
H20	10.49	0.297	99-HE-0003	1999	Unknown	600	71.1	N/A	External & Operational
H21	2.12	0.06	96-HE-0002	1996	Unknown	606	71.1	N/A	Internal
H22	2.54	0.072	99-HE-0004	1999	Unknown	608	71.1	N/A	External & Operational
H23	1.48	0.042	96-HE-0003	1996	Unknown	637	71.1	N/A	Internal
H24	2.05	0.058	93-HE-0002	1993	Unknown	1010	71.1	N/A	External & Operational
H24	1.41	0.04	93-HE-0003	1993	Unknown	1010	71.1	N/A	Internal
H25	0.85	0.024	99-HE-0005	1999	Unknown	1100	72.5	N/A	External & Operational
H26	1.09	0.031	04-HE-0001	2004	Unknown	1188	145	N/A	Internal
H27	8.12	0.23	80-HE-0003	1980	Unknown	1189	142.1	31-Jan-11	External & Operational
H28	8.12	0.23	83-HE-0004	1983	Unknown	1190	142.1	N/A	Internal
H29	8.12	0.23	83-HE-0005	1983	Unknown	1191	142.1	31-Jan-11	External & Operational
H30	8.12	0.23	83-HE-0006	1983	Unknown	1192	142.1	N/A	Internal
H31	8.12	0.23	83-HE-0007	1983	Unknown	1193	142.1	15-Mar-11	External & Operational
H32	0.78	0.022	95-HE-0003	1995	Unknown	1287	71.1	N/A	Internal
H33	6.07	0.172	88-HE-0003	1988	Unknown	1358	71.1	N/A	External & Operational
H34	6.07	0.172	80-HE-0001	1980	Unknown	1368	126.2	23-Mar-11	Internal
H35	6.07	0.172	80-HE-0002	1980	Unknown	1388	126.2	N/A	External & Operational



ATTACHMENT J-1502000-05-34  
MARINE CORPS AIR STATION (MCAS)  
(IWAKUNI)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 29-Apr-14

Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W1		2.22	CHUGOKU-KINZOKU	02-HT-0001	2002	Unknown	1	72.5	N/A	Internal
W2		0.894	CHUGOKU-KINZOKU	98-HT-0001	1998	Unknown	119	71.1	N/A	External & Operational
W3		1.63	CHUGOKU-KINZOKU	95-HT-0001	1995	Unknown	123	71.1	N/A	Internal
W4		1.085	CHUGOKU-KINZOKU	95-HT-0002	1995	Unknown	125	71.1	N/A	External & Operational
W5		7.429	CHUGOKU-KINZOKU	99-HT-0001	1999	Unknown	127	71.1	N/A	Internal
W6		2.754	CHUGOKU-KINZOKU	00-HT-0001	2000	Unknown	130	71.1	N/A	External & Operational
W7		3.137	CHUGOKU-KINZOKU	91-HT-0001	1991	Unknown	155	78.3	N/A	Internal
W8		0.56	CHUGOKU-KINZOKU	08-HT-0001	2008	Unknown	170	72.4	N/A	External & Operational
W9		4	MORIMATSU KOUGYO	11-HT-0003	2011	Unknown	222	71.1	N/A	Internal
W10		0.882	CHUGOKU-KINZOKU	94-HT-0001	1994	Unknown	230	71.1	N/A	External & Operational
W11		1.407	CHUGOKU-KINZOKU	87-HT-0001	1987	Unknown	246	71.1	N/A	Internal
W12		13.113	CHUGOKU-KINZOKU	83-HT-0001	1983	Unknown	313	71.1	N/A	External & Operational
W13		13.113	CHUGOKU-KINZOKU	83-HT-0002	1983	Unknown	314	71.1	N/A	Internal
W14		11	CHUGOKU-KINZOKU	89-HT-0001	1989	Unknown	318	71.1	N/A	External & Operational
W15		13.113	CHUGOKU-KINZOKU	83-HT-0003	1983	Unknown	330	71.1	N/A	Internal
W16		11	MIYOSHI TEKKOUJO	90-HT-0002	1990	Unknown	335	71.1	N/A	External & Operational
W17		0.56	CHUGOKU-KINZOKU	00-HT-0002	2000	Unknown	370	71.1	N/A	Internal
W18		0.877	CHUGOKU-KINZOKU	99-HT-0002	1999	Unknown	411	71.1	N/A	External & Operational

ATTACHMENT J-1502000-05-34  
MARINE CORPS AIR STATION (MCAS)  
(IWAKUNI)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 29-Apr-14

Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W19		0.56	SHIMAKURA	87-HT-0002	1987	Unknown	443	142.1	N/A	Internal
W20		2.201	CHUGOKU-KINZOKU	88-HT-0001	1988	Unknown	446	71.1	N/A	External & Operational
W21		0.587	CHUGOKU-KINZOKU	88-HT-0002	1988	Unknown	471	71.1	N/A	Internal
W22		4.67	CHUGOKU-KINZOKU	99-HT-0003	1999	Unknown	600	71.1	N/A	External & Operational
W23		5.23	CHUGOKU-KINZOKU	96-HT-0004	1996	Unknown	606	71.1	N/A	Internal
W24		1.6	CHUGOKU-KINZOKU	99-HT-0004	1999	Unknown	608	71.1	N/A	External & Operational
W25		0.507	CHUGOKU-KINZOKU	91-HT-0002	1991	Unknown	636	71.1	N/A	Internal
W26		2.186	CHUGOKU-KINZOKU	96-HT-0005	1996	Unknown	637	71.1	N/A	External & Operational
W27		1.654	CHUGOKU-KINZOKU	94-HT-0004	1994	Unknown	757	71.1	N/A	Internal
W28		5.51	CHUGOKU-KINZOKU	93-HT-0003	1993	Unknown	1010	71.1	N/A	External & Operational
W28		5.51	CHUGOKU-KINZOKU	93-HT-0004	1993	Unknown	1010	71.1	N/A	Internal
W29		0.56	CHUGOKU-KINZOKU	99-HT-0005	1999	Unknown	1100	72.5	N/A	External & Operational
W30		0.504	CHUGOKU-KINZOKU	92-HT-0001	1992	Unknown	1104	71.1	N/A	Internal
W31		2.08	KIKUCHI-TEKKOUJO	88-HT-0003	1988	Unknown	1188	142.1	N/A	External & Operational
W32		5.6	SHIMAKURA	80-HT-0001	1980	Unknown	1189	113.1	N/A	Internal
W33		3.786	ENAMI CHUKI	83-HT-0004	1983	Unknown	1190	71.1	N/A	External & Operational
W34		3.786	ENAMI CHUKI	83-HT-0005	1983	Unknown	1191	71.1	N/A	Internal
W35		3.786	ONSUI-KOUGYO	83-HT-0006	1983	Unknown	1192	71.1	N/A	External & Operational















ATTACHMENT J-1502000-05-38  
MARINE CORPS AIR STATION (MCAS) HOUSING  
(IWAKUNI)  
INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 29-Apr-14

Type of Equipment

Heat Exchangers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDGD NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
H41	12.29	0.348	CHUGOKU-KINZOKU	87-HE-0003	1987	Unknown	589	85.6	N/A	Internal
H42	4.45	0.126	CHUGOKU-KINZOKU	93-HE-0001	1993	Unknown	655	71.1	N/A	External & Operational
H43	3.60	0.102	CHUGOKU-KINZOKU	94-HE-0002	1994	Unknown	656	71.1	N/A	Internal
H44	3.60	0.102	CHUGOKU-KINZOKU	98-HE-0003	1998	Unknown	657	71.1	N/A	External & Operational
H45	2.54	0.072	CHUGOKU-KINZOKU	98-HE-0004	1998	Unknown	658	71.1	N/A	Internal
H46	0.81	0.023	CHUGOKU-KINZOKU	01-HE-0001	2001	Unknown	684	72.5	N/A	External & Operational
H48	3.60	0.102	CHUGOKU-KINZOKU	03-HE-0001	2003	Unknown	950	71.1	N/A	Internal
H50	2.15	0.061	CHUGOKU-KINZOKU	02-HE-0002	2002	Unknown	969	71.1	N/A	External & Operational
H51	3.18	0.09	CHUGOKU-KINZOKU	02-HE-0003	2002	Unknown	979	71.1	N/A	Internal
H52	2.15	0.061	CHUGOKU-KINZOKU	02-HE-0004	2002	Unknown	988	71.1	N/A	External & Operational
H53	4.59	0.13	MORIMATSU KOUGYO	11-HE-0002	2011	Unknown	1200	142.1	May 2014	Internal
H54	3.61	0.1023	CHUGOKU-KINZOKU	98-HE-0005	1998	Unknown	1209	71.1	N/A	External & Operational
H55	3.18	0.09	CHUGOKU-KINZOKU	01-HE-0002	2001	Unknown	1210	72.5	N/A	Internal
H56	2.51	0.071	CHUGOKU-KINZOKU	92-HE-0001	1992	Unknown	1218	71.1	N/A	External & Operational
H57	2.15	0.061	CHUGOKU-KINZOKU	96-HE-0004	1996	Unknown	1255-09	71.1	N/A	Internal
H58	3.60	0.102	CHUGOKU-KINZOKU	05-HE-0001	2005	Unknown	1267	71.1	N/A	External & Operational

ATTACHMENT J-1502000-05-38  
MARINE CORPS AIR STATION (MCAS) HOUSING  
(IWAKUNI)  
INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

Type of Equipment Domestic Hot Water Heaters

DATE: 29-Apr-14

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDGD NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W59		4.5	CHUGOKU-KINZOKU	87-HT-0003	1987	Unknown	589	85.6	N/A	Internal
W59		4.5	CHUGOKU-KINZOKU	87-HT-0004	1987	Unknown	589	85.6	N/A	External & Operational
W60		4.67	CHUGOKU-KINZOKU	93-HT-0001	1993	Unknown	655	71.1	N/A	Internal
W60		4.67	CHUGOKU-KINZOKU	93-HT-0002	1993	Unknown	655	71.1	11-Jun-13	External & Operational
W61		3.197	CHUGOKU-KINZOKU	94-HT-0002	1994	Unknown	656	71.1	N/A	Internal
W61		3.197	CHUGOKU-KINZOKU	94-HT-0003	1994	Unknown	656	71.1	12-Jun-13	External & Operational
W62		3.78	CHUGOKU-KINZOKU	98-HT-0003	1998	Unknown	657	71.1	N/A	Internal
W62		3.78	CHUGOKU-KINZOKU	98-HT-0004	1998	Unknown	657	71.1	12-Jun-13	External & Operational
W63		2.754	CHUGOKU-KINZOKU	98-HT-0005	1998	Unknown	658	71.1	N/A	Internal
W63		2.754	CHUGOKU-KINZOKU	98-HT-0006	1998	Unknown	658	71.1	13-Jun-13	External & Operational
W64		0.56	CHUGOKU-KINZOKU	01-HT-0001	2001	Unknown	684	72.5	N/A	Internal
W64		0.56	CHUGOKU-KINZOKU	01-HT-0002	2001	Unknown	684	72.5	13-Jun-13	External & Operational
W65		4.784	CHUGOKU-KINZOKU	12-HT-0001	2012	Unknown	906	71.1	N/A	Internal
W65		4.784	CHUGOKU-KINZOKU	12-HT-0002	2012	Unknown	906	71.1	14-Jun-13	External & Operational
W66		2.205	CHUGOKU-KINZOKU	84-HT-0003	1984	Unknown	925	71.1	N/A	Internal
W66		2.205	CHUGOKU-KINZOKU	84-HT-0004	1984	Unknown	925	71.1	18-Jun-13	External & Operational
W67		2.205	CHUGOKU-KINZOKU	85-HT-0002	1985	Unknown	926	71.1	N/A	Internal
W67		2.205	CHUGOKU-KINZOKU	85-HT-0003	1985	Unknown	926	71.1	18-Jun-13	External & Operational

ATTACHMENT J-1502000-05-38  
MARINE CORPS AIR STATION (MCAS) HOUSING  
(IWAKUNI)  
INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 29-Apr-14 Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W68		2.205	CHUGOKU-KINZOKU	85-HT-0004	1985	Unknown	927	71.1	N/A	Internal
W68		2.205	CHUGOKU-KINZOKU	85-HT-0005	1985	Unknown	927	71.1	N/A	External & Operational
W69		4.784	CHUGOKU-KINZOKU	12-HT-0003	2012	Unknown	955	71.1	N/A	Internal
W69		4.784	CHUGOKU-KINZOKU	12-HT-0004	2012	Unknown	955	71.1	"NEVER"	External & Operational
W70		3.78	CHUGOKU-KINZOKU	81-HT-0001	1981	Unknown	969	71.1	N/A	Internal
W71		3.78	ONSUI-KOUGYO	81-HT-0002	1981	Unknown	979	71.1	N/A	External & Operational
W72		2.186	CHUGOKU-KINZOKU	02-HT-0002	2002	Unknown	988	71.1	N/A	Internal
W72		2.186	CHUGOKU-KINZOKU	02-HT-0003	2002	Unknown	988	71.1	N/A	External & Operational
W73		0.884	CHUGOKU-KINZOKU	84-HT-0007	1984	Unknown	993	71.1	N/A	Internal
W73		0.884	CHUGOKU-KINZOKU	84-HT-0008	1984	Unknown	993	71.1	N/A	External & Operational
W74		4.5	MORIMATSU KOUGYO	11-HT-0001	2011	Unknown	1200	71.1	N/A	Internal
W74		4.5	MORIMATSU KOUGYO	11-HT-0002	2011	Unknown	1200	71.1	N/A	External & Operational
W75		3.78	CHUGOKU-KINZOKU	98-HT-0007	1998	Unknown	1209	71.1	N/A	Internal
W75		3.78	CHUGOKU-KINZOKU	98-HT-0008	1998	Unknown	1209	71.1	N/A	External & Operational
W76		3.78	CHUGOKU-KINZOKU	01-HT-0003	2001	Unknown	1210	72.5	N/A	Internal
W76		3.78	CHUGOKU-KINZOKU	01-HT-0004	2001	Unknown	1210	71.1	N/A	External & Operational
W77		2.7	CHUGOKU-KINZOKU	92-HT-0002	1992	Unknown	1218	71.1	N/A	Internal
W77		2.7	CHUGOKU-KINZOKU	92-HT-0003	1992	Unknown	1218	71.1	N/A	External & Operational







ATTACHMENT J-1502000-05-40  
 NAVAL AIR FACILITY MISAWA (NAFM)  
 (MISAWA)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 2-Sep-14

Type of Equipment Heat Exchangers

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDNG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	CuFt	m <sup>3</sup>								
H1	8	0.23	KAMEYAMA TEKKO	unknown	unknown	unknown	520	71.1	N/A	Internal
H2	6	0.17	SENTO KOGYO	unknown	unknown	unknown	536	71.1	N/A	External & Operational
H3	5.7	0.16	SENTO KOGYO	unknown	unknown	unknown	537	71.1	N/A	Internal
H4	9.3	0.26	KAMEYAMA TEKKO	unknown	unknown	unknown	538	28.4	N/A	External & Operational
H5	28.4	0.80	KAMEYAMA TEKKO	unknown	unknown	unknown	543	42.6	N/A	Internal
H6	6.9	0.20	KAMEYAMA TEKKO	unknown	unknown	unknown	544	71.1	N/A	External & Operational
H8	1.3	0.04	KAMEYAMA TEKKO	unknown	unknown	unknown	960	71.1	N/A	Internal
H9	1.77	0.05	MORIMATSU KOGYO	unknown	unknown	unknown	963	71.1	N/A	External & Operational
H9	5.72	0.16	MORIMATSU KOGYO	unknown	unknown	unknown	963	71.1	N/A	Internal
H10	63.6	1.80	SENTO KOGYO	unknown	unknown	unknown	976	71.1	N/A	External & Operational
H11	5	0.14	KAMEYAMA TEKKO	unknown	unknown	unknown	978	71.1	N/A	Internal
									N/A	External & Operational
									N/A	Internal
									N/A	External & Operational
									N/A	Internal
									N/A	External & Operational
									N/A	Internal
									N/A	External & Operational
									N/A	Internal
									N/A	External & Operational
									N/A	Internal
									N/A	External & Operational

Note 1: It means that "NEVER" in DATE Last INSPECTED has never been inspected except manufacturing inspection.

ATTACHMENT J-1502000-05-40  
 NAVAL AIR FACILITY MISAWA (NAFM)  
 (MISAWA)

INVENTORY LIST

BOILER AND UNFIRED PRESSURE VESSEL (UPV)

DATE: 2-Sep-14 Type of Equipment Domestic Hot Water Heaters

MAP SYMBOL	SIZE		MANUFACTURE	PROPERTY NO.	MFR YEAR	MFR SERIAL NO.	BLDG NO.	Design Pres (PSI)	DATE LAST INSPECTED	TYPE INSPECTED
	Mbtu	m <sup>3</sup>								
W1	2.29	0.665	KAMEYAMA TEKKO	unknown	unknown	unknown	520	71.1	N/A	Internal
W2	0.87	6.49	SENTO KOGYO	unknown	unknown	unknown	536	71.1	"NEVER"	External & Operational
W3	0.68	6.31	SENTO KOGYO	unknown	unknown	unknown	537	71.1	N/A	Internal
W4	1.28	9.48	KAMEYAMA TEKKO	unknown	unknown	unknown	538	71.1	"NEVER"	External & Operational
W5	1.67	6.1	KAMEYAMA TEKKO	unknown	unknown	unknown	543	71.1	N/A	Internal
W6	1.73	11.28	KAMEYAMA TEKKO	unknown	unknown	unknown	544	71.1	"NEVER"	External & Operational
W6		0.392	KAMEYAMA TEKKO	unknown	unknown	unknown	544	71.1	N/A	Internal
W9	0.18	1	MORIMATSU KOGYO	unknown	unknown	unknown	963	71.1	"NEVER"	External & Operational
W10	0.38	2	KAMEYAMA TEKKO	unknown	unknown	unknown	970	71.1	N/A	Internal
W11	0.7	3.5	KAMEYAMA TEKKO	unknown	unknown	unknown	971	71.1	"NEVER"	External & Operational
W12	0.17	0.8	SENTO KOGYO	unknown	unknown	unknown	976	71.1	N/A	Internal
W13	0.54	2.5	KAMEYAMA TEKKO	unknown	unknown	unknown	978	71.1	N/A	Internal
W13	0.08	0.5	KAMEYAMA TEKKO	unknown	unknown	unknown	978	71.1	"NEVER"	External & Operational
W14	0.44	2	SENTO KOGYO	unknown	unknown	unknown	980	71.1	N/A	Internal
W15	0.14	1.5	KAMEYAMA TEKKO	unknown	unknown	unknown	987	71.1	N/A	Internal
W17	0.2	1	KAMEYAMA TEKKO	unknown	unknown	unknown	1395	71.1	"NEVER"	External & Operational
W19	0.17	0.8	KAMEYAMA TEKKO	unknown	unknown	unknown	3060	71.1	N/A	Internal

Note 1: It means that "NEVER" in DATE LAST INSPECTED has never been inspected except manufacturing inspection.