STATEMENT OF WORK (SOW)

1. SCOPE

The Contractor shall provide engineering and technical support to accomplish specific requirements described herein in support of maintenance and planning for the overhaul and repair of equipment and systems associated with U.S. Navy Aircraft Carriers (CVN) and U.S. Navy Surface Ships. It is expected that the labor force for this contract will be performing on board U.S. Naval vessels located around the world. Major locations include Norfolk, VA, Newport News, VA, San Diego, CA, Bremerton, WA, Pearl Harbor, HI, Yokosuka, Japan, Sasebo, Japan, and Everett, WA; however, this list is not all-inclusive and there may be some work requirements in other locations (see Attachments J-16 and J-17).

1.1. BACKGROUND

Primary support to Commander, Naval Air Force Atlantic (COMNAVAIRLANT), Commander, Naval Air Force Pacific (COMNAVAIRPAC), PAE Maritime and Ship Maintenance and Material Departments, Code N43. The hull Planning Yard that will be utilized for the maintenance and repair efforts under this contract is Norfolk Naval Shipyard (NNSY) for CVN 68 Class Carriers, HII-NNS for CVN 78 Class Carriers, and Regional Maintenance Centers for Surface Ships. Support is essential in executing work on Aircraft Carriers and the Surface Fleet with a resource for professional systems/equipment maintenance that supports both repairs and deck-place maintenance training (Find, Fix, and Train) for Ship's Force equipment operators and maintenance technicians. The Carrier/Surface Engineering Maintenance Assist Team (C/SEMAT) teams respond in a quick manner and accomplish assigned tasks with the mission of assisting Ship's Force to be able to sustain their equipment during their operational deployments by providing engineering, technical guidance, repair and logistic support to force afloat in identification and correction of Material condition discrepancies in Hull, Mechanical and Electrical (HM&E), aviation equipment and systems, Command, Control, Communications, Computer and Intelligence (C4I) combat support systems and other support equipment to U.S. Naval Aircraft Carrier Forces or U.S. Naval Surface Forces.

Specific emphasis will be placed on providing support to the CEMAT, Food Service and Laundry Support programs, COMNAVSURFOR maintenance and Material readiness programs/projects, Surface Engineering Maintenance Assist Team (SEMAT), Aircraft Carrier Climate Control Improvement Team (ACCCIT), Maintenance System Work Package Planning (MSWP), Enhanced Quality of Life Program (EQOL), Light Industrial Facilities (LIFAC) support, SURFOR Enhanced Capability to Assess Program (SECAP), INSURV support, and Cableway Improvement Program, and planning support for Carrier Availability Planning System (CAPS), Pre-Overseas Movement (POM) Periods, Carrier Availability Support Teams (CAST), Post Shakedown Availability (PSA), Selected Restricted Availability (SRA), Refueling Complex Overhaul (RCOH), Planned Incremental Availability (PIA), Docking Planned Incremental Availability (DPIA), Carrier Incremental Availability (CIA) and in-port upkeep periods.

1.2. ASSOCIATED TASKS

The paragraphs below describe the general tasks to be accomplished under the IDIQ. Each order awarded under the IDIQ will have a unique statement of work providing specific details and direction as needed. In addition, required CDRLs will be identified and annotated throughout Section C of each order with each corresponding task.

Key Personnel identified in Attachment J-12 are a part of the IDIQ contract. All substitutions of key personnel proposed and accepted with the award shall follow the process identified in clause C-237-H002 for adjudication of changes.

The Contractor shall provide qualified engineering and technical personnel who fully meet the qualifications set forth herein and shall be provided as directed by the Administrative Contracting Officer (ACO) at any geographical area where U.S. Navy Aircraft Carriers and U.S. Navy COMNAVSURFPAC Ships may be located. In support of COMNAVAIRPAC, COMNAVAIRLANT, DPAE Carriers,

COMNAVSURFPAC, Southwest Regional Maintenance Center (SWRMC), COMNAVSURFLANT, Mid-Atlantic Regional Maintenance Center (MARMC), Northwest Regional Maintenance Center (NWRMC), Pearl Harbor Naval Shipyard & Intermediate Maintenance Facility (PHNSY&IMF), and Ship Repair Facility (SRF) Japan, the Contractor shall provide engineering, technical, repair and logistic support to forces afloat in identification and correction of Material condition discrepancies in HM&E, Aviation systems, C4I/combat support systems, and other support equipment; to identify and correct systems Material discrepancies; update and maintain configuration and Availability report database systems; develop or update on board training and curriculum and conduct instruction in U.S. Naval Air Force Carriers or U.S. Naval Surface Force Pacific & Atlantic ships.

1.2.1. QUALIFICATION STANDARD

The Contractor shall provide teams of craftsman, technicians and engineers qualified in hull, mechanical, electrical, electronic, and ordnance handling systems. These individuals shall be familiar with Aircraft Carrier and Surface Ship maintenance procedures and hull. The Contractor shall also have logistical specialists familiar with Integrated Logistics Support (ILS) procedures and functions of the Ship's Maintenance Support Center (MSC), Maintenance System Work Package Planning (MSWP), and Information systems Technicians (IT) specialists familiar with fleet database management systems.

1.2.2. TASK BREAKDOWN

The Contractor shall perform inspections, examinations, analysis, repairs incidental to such and make recommendations in the areas of maintenance planning and/or repair as requested on naval propulsion and auxiliary machinery associated with high pressure steam propulsion plants, non-nuclear steam plano systems of nuclear-powered Aircraft Carriers, and aviation systems associated with these naval propulsion plants and U.S. Naval Surface Force Ship propulsion plants and auxiliaries. This will encompass, but not be limited to the following when specifically tasked:

Aircraft Electrical Starting System (AESS)	Exterior Communications systems
Helicopter Electrical Starting System (HESS)	Electric motor testing *
Air Compressors *	Flex Hoses, various sizes *
Air conditioning plants*	Gages/Instruments (Calibration)
Aqueous Film Forming Foam system *	Galley and scullery equipment
Anchor windlass	Gas Turbine Prop Controls and Engines
Armored Doors, Hatches & Scuttles *	Halon systems
Aviation Systems, Fuels	Hazardous Material (HAZMAT) Disposal
JP-5 Purifiers	HP air systems *
Laundry equipment	Hydraulic Systems
Ballast/ballast support systems	Incinerator
Boat/Davits and associated Craft	Interior Communication System *
Boilers/Accumulators and automatic Controls*	LP air systems *
Bridge windows	Lube/fuel oil systems *
C4I/combat systems/support equipment	Locks, Locking Devices & Keys
Cableways	Magazine Sprinkler/Alarm system
Capstan	Machinery Space Lighting *
O2N2 systems	Material handling equipment
Cathodic Protection System	Mooring/Warping Capstan
Catwalks, pump rooms, AFFF station decks	Ordnance Handling Equipment
Collecting, Holding, Transfer (CHT)	Plastic Waste Process & Storage Sys
Condition assessment systems	Pumps/alignment *
Countermeasure Wash Down Systems	Refrigeration plants/unions
Damage Control closures *	Ships Navigation Aircraft Inertial Alignment System (SNAIAS)
Damage Control comm systems *	Special freq. generating equipment *

Damage Control systems including Self-Contained Breathing Apparatus (SCBA)	Steering gear equipment
Decking, Interior	Switchboards *
Degaussing	Tanks, voids, plenums, trunks, bilges *
Distillation machinery *	Tank level indicators *
Electrical Controls *	UNREP/RAH equipment/winches
Electronic cooling systems	Valves *
Electronic dry air/dehydrators	Valve barge
EQOL/Habitability systems	Ventilation systems *
EQOL/Berthing Racks & Lockers	Weapons Hoists

1.3. SYSTEM/SUBSYSTEM ACCESS

For this contract, in regard to nuclear powered Aircraft Carriers, the list of systems, subsystems, and components marked by an "*" may comprise part of, or may be, located within secondary propulsion plant boundaries as listed in OPNAVINST C9210.4 (current series). Contractor access to these systems, subsystems, and components for the performance of inspections, testing, troubleshooting, repair, production and design support require a demonstrated ability to adhere with ship's instructions, shipyard rules and regulation, and NAVSEA instructions and directives in quality controls of work performed, radiological control practices, ship safety, security of Naval Nuclear Propulsion Information (NNPI), and personnel occupational safety and health, as defined in paragraph 1.9.

1.4. LIAISON TASKING

Liaison with training reactor department is required prior to accomplishing inspections, testing, and production work on any equipment onboard nuclear-powered Aircraft Carriers which could affect propulsion systems as listed in OPNAVINST C9210.4 (current series) or which are located within, or adjacent to, the propulsion spaces. In addition, Contractor personnel shall not enter any propulsion plant machinery space during reactor operation or enter a radiation area or a high radiation area without express permission of the Reactor Officer, the cognizant Type Commander (TYCOM), and Regional Maintenance Center (RMC) Technical Point of Contact (TPOC).

1.5. LABOR SUPPORT

The support provided hereunder shall be performed on board U.S. Navy CVNs and west coast and east coast Surface Ships or at shore Government Facilities and shall be accomplished in conjunction with Ship's Force, Government personnel and other Government agencies utilizing Government furnished equipment, Facilities, and special tools.

Responsibility for the provision of basic mechanical tools such as wrenches, hammers, pliers, and other common hardware shall rest with the Contractor. Consumable Material and parts, special tooling, required for the Government, if requested by the Contractor should provide the directed installations, overhaul, or repair of equipment being serviced. In the event that these items are unavailable, the Government may authorize procurement by the Contractor using standard procedures. Examples of requirements for engineering, technical and production support efforts that may be required by the Contractor, subject to Government approval, may include but are not limited to any or all of the following:

1.5.1. Perform, assist, or provide technical guidance on the performance of fault identification and support Ship's Force with physical repairs of the types of naval propulsion and auxiliary and aviation/flight deck equipment/combat systems and systems set forth herein (CDRL A001).

1.5.2. Provide technical support and advice to Ship's Force pertinent to the operation, overhaul, and repair of specific items of, auxiliary machinery, electrical, and hull support and aviation systems as directed by the appropriate Technical Authority (T/A).

1.5.3. Perform or provide technical guidance IAW Corrosion Control Assessment and Maintenance Manual (CCAMM) for the Maintenance System Work Package Planning (MSWP) (T-9630-AB- MMD-010/all USN hulls) to Ship's Force with training, inspection and reporting of tanks, voids, plenums, bilges, catwalks, pump room decks, and Aqueous Film Forming Foam (AFFF) station decks. Perform or provide technical guidance in support of TYCOM Cableway Improvement Program (CIP) in accordance with NAVSEAINST 9304 (current series) to Ship's Force with training, inspection, repair assistance and reporting.

1.5.4. Identify and record material deficiencies (CDRL A002). This includes, identifying material requisitions for items that are required to correct discrepancies, and the preparation of Planned Maintenance System (PMS) feedback documentation. Support in the update of the CSMP with validated deferrals in accordance with specified uploading procedures as identified by the Navy Management System Support Office (NMSSO). Develop line diagrams, system operating procedures, and maintenance requirements, as requested.

1.5.5. Provide information to update Current Ships Maintenance Projects (CSMP) to respective ships and TYCOM T/A in automated data transfer format compatible with existing shipboard systems. Develop Automated Work Requests (AWRs) for all outstanding discrepancies as part of the currently used maintenance management system. A computer sort of the discrepancy data will be required to assist Ship's Force with a preliminary assessment of the equipment and highlighting items of safety discrepancy, which must be corrected prior to deployment (CDRL A003).

1.5.5.1. Review logistical documentation and assist Ship's Force to prepare appropriate feedback forms using Configuration Data Manager's Database Open Architecture (CDMD-OA) and/or Model Based Product Support (MBPS) to document deficiencies. This includes preparation of Technical Manual Deficiency Feeback Report (CDRL A004) to correct technical manual deficiencies and preparation of PMS feedback reports (CDRL A005) to correct PMS deficiencies. Assist in the update of the CSMP with deferrals and validated completed action items in accordance with specified uploading procedures as identified by the NMSSO. Report errors found in existing drawings, system operating procedures, and maintenance requirements.

1.5.6. Develop a Quality Assurance Program Plan (QAPP) / Quality Management System (QMS) for effective test and quality assurance practices in the performance of maintenance for associated systems (CDRL A006).

1.5.6.1. QMS Requirement: The Contractor shall provide and maintain a quality assurance program acceptable to the Government and shall perform or have performed the inspections and tests pursuant to that program to substantiate that the material and workmanship provided pursuant to the contract conform to the drawings, specifications, and contract requirements listed herein. The Government shall have the right to deem work or material furnished by the Contractor to be incomplete and not in accordance with the requirements of the contract by reason of the Contractor's failure to: (1) provide a written quality assurance program that has been accepted by NAVSEA prior to the start of productive work, and (2) comply with the requirements of the quality assurance system.

1.5.6.1.1. Establish, document, implement, and maintain a QMS as a means of ensuring that product conforms to specified requirements.

1.5.6.1.2. A written QMS manual addressing all elements and supporting documented procedures must be submitted for review and acceptance. Required documented procedures must be contained in either the manual or Level II QMS procedures. The Contractor shall have an accepted QMS, in accordance with NAVSEA Standard Item 009-004, in place to receive an award of a task/delivery order.

1.5.6.1.3. Develop a Test and Inspection (TIP) incorporating each task/delivery order, LOA Chits or Statements of Work (SOWs). The initial TIP must include all inspections and tests required by zero-tier references and first-tier references, as well as symbols (I) (V) (Q) test inspections and (G) Government notification in the Work Item, and any additional tests and inspections the Contractor deems necessary to substantiate product conformance (CDRL A006).

1.5.6.1.4. The quality assurance program shall be submitted to the designated ACOs and COR no later than 10 calendar days after award of contract. Contractors will not be issued task/delivery orders without an approved quality assurance program.

1.5.7. Develop Formal Work Packages (FWPs) (CDRL A007) and Controlled Work Packages (CWPs) (CDRL A008) in accordance with the Joint Fleet Maintenance Manual (JFMM), COMUSFLTFORCOMINST 4790.4, (current series), Volume 5, Chapter 2, Section 2.3 JFMM found online at:

https://www.navsea.navy.mil/Home/SUBMEPP/Products/JFMM/

1.5.8. Develop updated training package to the TYCOM and to the RMCs. Provide formal on-board operator and maintenance training to Ship's Force.

1.5.9. In conjunction with 1.5.8 above, complement classroom instruction with shipboard "hands on" instruction and on-the-job training (OJT) through the application of current maintenance techniques and practices on actual equipment (CDRL A009).

1.5.10. Develop and maintain a recommended prioritized listing of material deficiencies in accordance with OPNAVINST 4790.4 (current series) (CDRL A010). See link to OPNAV instructions below:

https://www.secnav.navy.mil/doni/opnav.aspx?RootFolder=%2Fdoni%2FDirectives%2F04000%20Logistical%20Support%20and%20Services%2F04%2D700%20General%20Maintenance%20and%20Construction%20Support&FolderCTID=0x012000E8AF0DD9490E0547A7DE7CF736393D04&View=%7BCACF3AEF-AED4-433A-8CE5-A45245715B5C%7D

1.5.11. Establish, implement and maintain a recommended plan of action to complete assigned corrective actions.

1.5.12. Develop and maintain a prioritized plan of action to track all critical deficiencies.

1.5.13. Develop and maintain work integration documentation commensurate with Aircraft Carrier Availability project team's requirements.

1.5.14. Provide pre-CNO Availability Assistance to forces afloat in the identification, preparation, evaluation and planning, and schedule resolution of work assigned to Ship's Force.

1.5.15. Provide technical in-process review of progress of work identifying specific deficiencies and recommending corrective action for items identified.

1.5.16. Provide support to Ship's Force with testing and repair of HM&E, aviation, combat systems and support equipment.

1.5.17. For correction of items, which are system or equipment modifications in nature, prepare a Ship Change Document (SCD) for submission by the ship or TYCOM (CDRL A011).

1.6. REQUIREMENT / DELIVERABLE

In the performance of any tasks resulting hereunder, the preparation and delivery of documentation in various formats may be required. Such deliverable documentation will be specified in individual task/delivery orders issued by the Government. Examples of deliverable products are:

Plan of Action & Milestones (POA&M)
OJT Plan
Ship's Force Evaluation on Support Trip Reports
Monthly expenditures report
Yearly expenditures report
Updated CHMP Text Files
Update MHWP files
Handouts for Ship's Force
Work Authorization Form (WAF)
V-09 Configuration Files / CDMD-OA /MBPS
MM0001 Text Files

1.7. ADMINISTRATIVE REPORTING

The Contractor shall submit:

1.7.1. Monthly Report (CDRL A012): Monthly reports shall be submitted to the respective ACO (Mid-Atlantic RMC, Code 410; Southwest RMC, Code 490; SUPSHIP, Code 400); and the respective Contracting Officer's Representatives (CORs). This report shall be submitted on the fifteenth (15) of each month commencing with the fifteenth (15th) day of the month following award. The monthly report shall be submitted in the Contractor's format. Provide monthly status reports of all tasking, including funding obligations and expenditures by month and end of year compilation by hull. The monthly financial summary report shall include the quantity of hours per labor category, material, travel, and Subcontractor hours ordered and expended to date remaining on each task/delivery order and shall contain a brief narrative showing the progress of each task/delivery order.

1.7.2. The report above shall be a compilation of the information included in the Invoice Task Status Report (CDRL A013), specified in paragraph 1.7.3 below. The monthly report shall include the quantity of hours per labor category, material, travel, and Subcontractor hours ordered and expended to date remaining on each task/delivery order and shall contain a brief narrative showing the progress of each task/delivery order.

1.7.3. Invoice Task Status Report: The Contractor shall establish and maintain records of incurred costs. The Contractor's accounting system shall be capable of separately identifying costs by ship, task assignments, and other charges as listed in the vouchers. With each invoice, an Invoice Task Status Report (CDRL A013) shall be submitted in the Contractor's format which shall include the following categories:

- Ordered Hours
- Current Expended Hours
- Cumulative Expended Hours
- Subcontractor hours shall be separated from Contractor provided hours
- Labor Dollars Incurred this Period
- Total Direct Labor (This period and cumulative)
- Overhead (This period and cumulative)
- Other Direct Cost (ODC) (This period and cumulative) broken down by individual ODCs.
- General & Administrative (G&A) (This period and cumulative)
- Cost of Money (COM) (This period and cumulative)
- Fee (this period and cumulative)
- Total being billed (This period and cumulative)
- On a separate page, show direct labor category, current hours incurred this period, labor dollars incurred this period and cumulative hours and cumulative dollars

1.7.4. The Contractor shall provide administrative quarterly program reviews for the base contract at a location agreed upon by the Government.

1.8. INTEGRATED LOGISTIC SUPPORT

The Contractor shall:

1.8.1. Be in compliance with FAR 52.246-11 through the effective implementation of ISO 9001:2015 processes and techniques to quality assurance practices in the performance of maintenance and on-board maintenance training for mechanical, electrical, electronic, ordnance handling equipment, combat systems, auxiliary, aviation, hull support systems and equipment. The Contractor shall demonstrate their Quality Management System meets ISO 9000 program registration standards or equivalent.

1.8.2. Develop a configuration baseline and routinely monitor the improvements of ILS elements based on:

1.8.2.1. Configuration baseline through component validations of installed equipment.

1.8.2.2. Technical manuals and other design documentation.

1.8.2.3. PMS documentation and support, and compliance with established maintenance philosophy.

1.8.2.4. COSAL and AAPL coverage.

1.8.2.5. Organization, qualification, and training of shipboard personnel for equipment operation maintenance, and logistic support.

1.9. TRAINING REQUIREMENT FOR NON-NUCLEAR WORK ON NUCLEAR POWERED VESSELS

1.9.1. During the performance of this contract, all Contractor personnel that perform non-nuclear work on nuclear powered vessels must receive training in the areas delineated below prior to commencing work (CDRL A014):

1.9.1.1. For work exclusive of the propulsion plant and exclusive of nuclear spaces and systems defined in OPNAVINST C9210.4 (current series), training is required in the following:

1.9.1.1.1. U.S. citizenship and security requirements IAW DOD 5220.22 (current series) and other relevant security policies and regulation.

1.9.1.1.2. Mercury exclusion IAW NAVSEA Instruction 5100.3 (current series).

1.9.1.1.3. General ship safety and drill requirements.

1.9.1.1.4. General ship maintenance policies IAW NAVSEA Instruction 4790.4 JFMM (current series).

1.9.1.1.5. Basic radiation awareness, control areas and signs training IAW NAVSEA 389-0288 (current series).

1.9.1.2. For work bordering secondary containment boundaries or bordering spaces and systems defined in OPNAVINST C9210.4 (current series).

1.9.1.2.1. Training listed in paragraph 1.9.1.1 above.

1.9.1.2.2. Requirements set forth by NAVSEA H9AA0-AB-GOS-010/GSO (current series) for working on secondary containment boundaries as designated by NAVSEA Ship Specific Reactor Plant Secondary Containment Boundaries Drawings.

1.9.1.3. For (non-nuclear system) work in or affecting propulsion system spaces or systems including those listed in OPNAVINST C9210.4 (current series), training is required in the following:

1.9.1.3.1. Training listed in paragraph 1.9.1.1 above.

1.9.1.3.2. Security requirements of NNPI in accordance with OPNAVINST N9210.3 (current series).

1.9.1.3.3. Maintenance cleanliness requirements within propulsion spaces in accordance with but not limited to NAVSEA 0989-064-3000 and NAVSEA Instruction 9210.36 (current series).

1.9.1.3.4. Spaces access requirements per OPNAVINST N9210.3 (current series), including dosimetry per NAVSEA 389-0288 (current series).

1.9.1.3.5. The required training as listed above does not in any way permit Contractor personnel access to any propulsion plano machinery spaces during reactor operation or entry into actual radiation areas or high radiation areas when the reactor is operating without expressed permission from the Reactor Officer to support CAPS or emergent repairs. The Contractor shall support emergent repairs to CVNs as directed by Government officials, based on emergent requirements. A number of orders issued under this contract are expected to be classified as “Emergent Work” by the ACOs. The Contractor will be expected to commence effort within one day after receiving directions to proceed.

1.9.2. Refresher training is required at least annually for personnel requiring Paragraph 1.9.1.3 training. Simple training records including lesson plan, brief outline of class content and attendance records shall be maintained and made available to the applicable RMC or TYCOM on request.

1.9.3. Prior to start of work requiring training referenced in paragraph 1.9.1.2 and 1.9.1.3, the Contractor shall liaison with the training reactor department to determine if any additional ship or work specific training is required. Any additional training shall be completed prior to commencing work.

1.10. EXPORT CONTROL

1.10.1. A “Notice to Accompany the Dissemination of Export-Controlled Technical Data” shall be furnished with any drawing or document, which is marked with the Export Control “WARNING” as required by DOD Directive 5230.25.

2. INFORMATION TECHNOLOGY REQUIREMENT

2.1. The Contractor shall accomplish tasks using their own computer equipment independently of the applicable RMC or TYCOM Naval computer systems, as well as having the capability to interface with the RMC computer system.

2.2. Computer Equipment Requirement: Support to be performed will require Contractor owned and/or operated computer equipment to perform under this contract. The Contractor shall be responsible for acquiring such computer equipment as is reasonably necessary for contract performance.

2.2.1. Storage Capacity: The anticipated disk storage capacity for the computer system to meet contract data performance requirements is a minimum of eighty (80) gigabytes.

2.2.2. Electronic Communications Capabilities: The Contractor’s computer system/equipment shall interface with existing Government-owned computers. Contractor utilized equipment shall have the operational and functional capability to interface with the Government computer systems.

2.3. Remote sites requiring full access to RMC applications typically require high-speed connectivity (T-1 1.544 Mbps). The applicable RMCs are connected via Navy and Marine Corps Internet (NMCI) and Nautilus.

2.4. Equipment location: Unless otherwise agreed, the Contractor's computer equipment shall be resident at its facility. The Contractor's computer must allow accessing by the Government on a twenty-four-hour basis. If the Contractor's computers are remotely located at the request of the Contractor, and such remote location is agreed to by the Government, the Contractor shall provide 24/7 local onsite access to the system.

2.5. Network Structure: The Contractor shall provide and maintain a Local Area Network (LAN), a Wide Area Network (WAN), and internet access.

2.6. All equipment, software, documents paper and/or electronic media and material provided to the Contractor or purchased with funds provided by the Government, shall be returned to the applicable RMC upon expiration of the contract.

2.6.1. The Contractor shall develop and provide qualified systems training teams. These teams shall provide formal on-board operator and maintenance training to Ship's Force. Conduct training as scheduled by the respective T/A in approved modularized format.

2.6.2. The Contractor shall update and maintain technical accuracy and integrity of developed equipment/system-specific computer based training (CBT) curriculum (CDRL A015) and conduct on-board instruction to validate technical documentation as directed by the TYCOM.

2.7. DELIVERABLE PRODUCT: The reports specified in Section 1.6 shall be forwarded by traceable means to locations that will be specified on each individual task/delivery order. "Traceable means" shall be defined as a cover letter, identifying the task and deliverable being sent, along with a properly filled out Task Action Memorandum (TAM) (CDRL A016) for each product (Attachment J-1). The cover letter shall include a statement indicating to which other activities the product has been delivered.

2.8. NUCLEAR POWERED AIRCRAFT CARRIER: The Contractor shall not accomplish or participate in any work on those systems, subsystems and components defined in OPNAVINST C9210.4 (current series). In addition, the Contractor shall not accomplish or participate in any work, proposed changes or additions to compartment utilization within the zones delineated by OPNAVINST C9210.4 (current series). Contractor personnel accessing propulsion plano machinery spaces (Main Machinery Rooms, Reactor Rooms, Reactor Auxiliary Rooms, Feed Control Rooms, Coolant Turbine Generator Rooms, Emergency Diesel Generator Rooms, Shaft Alleys, and Damage Control Central) require a demonstrated ability to comply with ship/shipyard rules and regulation in quality controls of work performed, radiological control practices, ship safety, security of NNPI, and personnel occupational safety and health as defined in paragraph 1.9. The Contractor shall not provide deck penetrations in restricted deck locations as described in the above reference without prior approval from appropriate T/A (if required, approval will be specified in individual task/delivery orders).

2.9. SECURITY REQUIREMENT: In performance of this Contract, the Contractor is required to maintain a SECRET Facility security clearance. The Contractor is required to maintain a level of safeguarding for classified information/material at the SECRET level. The Contractor shall perform the actual work either in U.S. Naval Shipyards or private shipyards or aboard any U.S. Naval Aircraft Carrier located at either assigned homeport or worldwide location. In the performance of the contract it is anticipated that the Contractor will be required to access Restricted Data and Formerly Restricted Data for development of FWPs (CDRL A007) and CWPs (CDRL A008).

There is a probability that the Contractor will be required to assist Ships Force in voyage repairs while the CVN is deployed. In performance of their duties, the Contractor may have to access spaces that require Secret clearance and cannot be sanitized. Contractor employees performing on classified and higher security level (refer to DD Form 254) task assignments shall meet that minimum specified security

classification level utilizing a Department of War (DoW)-issued security clearance in accordance with DoD 5220.22 (latest series) at a minimal level of confidential. Homeport tasks will require a security clearance at the Secret level. Performance of work may require unescorted access to classified ship spaces that cannot be sanitized. For access to ship spaces that cannot be sanitized below the Secret level, a minimum of eight technical representatives with Government granted clearances at the Secret level shall be available to perform under this contract. In performance of this contract, it is anticipated the Contractor may be required to receive and/or store classified materials at their respective facility as designated in Section 4.1

Facility Location requirements: Examples of spaces that may require Secret clearance are Aircraft Intermediate Maintenance Department (AIMD) avionics shops, weapons magazines and intel spaces and combat system spaces. In performance of this contract, the Contractor shall be required to have access to Controlled Unclassified Documentation (CUI) (formerly, For Official Use Only (FOUO)) information with developers and integrators to receive, store or generate CUI. All company representatives must be U.S. citizens. All documents including unclassified documents relating to this contract, when no longer needed shall be destroyed as classified waste. The Contractor is required to protect critical information associated with this contract to prevent unauthorized disclosure and shall observe OPSEC requirements.

2.9.1. The Contractor shall review logistical documentation and assist Ship's Force to prepare appropriate feedback forms using Configuration Data Manager's Database Open Architecture (CDMD-OA) and/or Model Based Product Support (MBPS) to document deficiencies (CDRL A017).

2.9.2. As designated in all Naval Support transactions, all actions taken regarding the procurement, movement, or requisition of material with a National Stock Number (NSN) within the Naval Supply System requires the reporting of demand for that item to ensure the capture of material usage. If supply actions are being completed via MILSTRIP Requisitions, then the demand reporting requirement will have been satisfied. For all other procurement actions outside of the Naval Supply System that are driven by repairs vice modernization, a Demand History Adjustment (DHA) record is required. When material required to affect a repair has an NSN but the Contractor chooses to procure outside of the Naval Supply system, a DHA will be submitted to document the demand (CDRL A018).

2.9.3. Permission to Visit: Whenever Contractor personnel are required to perform work onboard a ship of the U.S. Navy or associated shore facility, the Contractor in accordance with the Defense Biometric Identification System (DBIDS), shall identify the personnel utilizing the web-based application of DBIDS. The DBIDS web site is accessible from any computer utilizing the link https://dbids-global.dmdc.mil/portal/. Requests shall be submitted in advance of the visit, when possible, and include appropriate security data as required to ensure Contractor personnel have access to perform tasked work.

2.9.4. The preparation and delivery of documents in electronic format for issuance of a Common Access Card (CAC) will utilize the Contractor Verification System (CVS). Contractor CACs are generally issued to Contractors requiring both NMCI/Nautilus access and base access. Contractors requiring base access only will not require CACs and will continue to be badged under local base procedures.

2.9.5. Citizenship: No employee or representative of the Contractor will be admitted to any Facility or ship of the U.S. Navy unless that person furnishes satisfactory proof that they are a U.S. citizen and that they have been cleared in accordance with applicable security regulation DOD 5200.22M (current series) (NATIONAL INDUSTRIAL SECURITY PROGRAM OPERATING MANUAL). A Government issued identification card with photograph is required for each employee requiring access to U.S. Navy ships or installations.

2.9.6. Contractor employees during the performance of this contract where NNPI may be developed or used, and or systems, subsystem, or components that either comprise part of or are located in the non-nuclear propulsion plant as listed in OPNAVINST N9210.3 (current series) shall have appropriate safeguards preventing the actual, potential or inadvertent release of classified or

unclassified NNPI in any form by the Contractor or any Subcontractor. These safeguards shall ensure that access to NNPI is limited to those Governmental and Contractor parties, including Subcontractors, that have an established need to know, and then only under conditions, which assure the Information is properly protected. Access by foreign nationals or representatives of foreign interests is not permitted.

3. REFERENCE: In performing the requirements of this contract, the Contractor shall comply with all the following references and Attachments (Section J):

3.1. CATEGORY I NAVSEA STANDARD ITEMS (NSI)

The following may be viewed on the internet and will be invoked on all individual task/delivery orders:

https://www.navsea.navy.mil/Home/RMC/CNRMC/Our-Programs/SSRAC/

Table 7 – CATEGORY I NAVSEA STANDARD ITEMS (NSI)

Standard Item No.	Title	Date
009-01	General Criteria; accomplish	01 OCT 2023
009-02	Environmental Compliance Reports for Material Usage; accomplish	01 OCT 2023
009-03	Toxic and Hazardous Substances; control	01 OCT 2023
009-04	Quality Management System; provide	12 MAR 2024
009-05	Temporary Accesses; provide	01 OCT 2023
009-06	Maintaining Protection and Cleanliness from Non-Radioactive Operation; accomplish	01 OCT 2023
009-07	Confined Space Entry, Certification, Fire Prevention and Housekeeping; accomplish	01 OCT 2023
009-08	Shipboard Fire Protection and Fire Prevention; accomplishment	01 OCT 2023
009-10	Asbestos-Containing Material (ACM); Control	01 OCT 2023
009-19	Provisioning Technical Documentation (PTD); provide	01 OCT 2023
009-20	Government Property; control	01 OCT 2023
009-21	Alteration Verification, Logistic and Technical Data; provide	01 OCT 2023
009-23	Interference; remove and install	01 OCT 2023
009-24	Authorization, Control, Isolation, Blanking, and Tagging Requirements; accomplish	01 OCT 2023
009-39	Technical Manual Contract Requirement (TMCR) for New Technical Manual for Commercial Equipment/Component; accomplish	01 OCT 2023
009-40	Contractor Crane, Multi-Purpose Machines and Material Handling Equipment at Naval Facilities; provide	01 OCT 2023
009-65	Polychlorinated Biphenyls (PCBs); control	01 OCT 2023
009-73	Shipboard Electrical/Electronic/Cable Procedure; inspect, test, install, remove, and repair	01 OCT 2023
009-74	Occupational, Safety and Health Requirements; accomplish	01 OCT 2023
009-82	Installation of Equal Component Vice Specified Component; report	01 OCT 2023
009-83	Wire Rope Assembly; fabricate	01 OCT 2023
009-84	Threaded Fastener Requirement; accomplish	01 OCT 2023
009-86	Recovery and Turn-In of Ozone Depleting Substance (ODS); accomplish	01 OCT 2023
009-87	Chemical Disinfection Procedures; accomplish	01 OCT 2023
009-93	Emergency Planning and Community Right -to-Know Act (EPCRA) and Pollution Prevention Act (PPA) Information; provide	01 OCT 2023

3.1.1. CATEGORY II NSI

Category II NSI may be viewed on the internet at and will be invoked on all individual task/delivery orders as required:

https://www.navsea.navy.mil/Home/RMC/CNRMC/Our-Programs/SSRAC/

Table 8– CATEGORY II NAVSEA STANDARD ITEMS (NSI)		
Standard Item No.	**Title**	**Date**
009-09	Process Control Procedure (PCP); provide and accomplish	01 OCT 2023
009-11	Insulation and Lagging Requirements; accomplish	01 OCT 2023
009-12	Welding, Fabrication, and Inspection Requirements; accomplish	12 MAR 2024
009-13	Meter, Gage, Switch, and Thermometer; repair	01 OCT 2023
009-15	Rotating Machinery; balance	01 OCT 2023
009-16	Electronic Equipment; repair	01 OCT 2023
009-18	Magnetic Material; Control	01 OCT 2023
009-25	Structural Boundary Test; accomplish	01 OCT 2023
009-26	Deck Covering Requirements; accomplish	01 OCT 2023
009-32	Cleaning and Painting Requirements; accomplish	01 OCT 2023
009-33	Rotating Electrical Equipment; rewind	01 OCT 2023
009-36	Controller; repair	01 OCT 2023
009-45	Tapered Plug Valve; repair	01 OCT 2023
009-46	Butterfly, Synthetic and metal Heated; repair	01 OCT 2023
009-47	Gate Valve; repair	01 OCT 2023
009-48	Pressure Heal Bonnet Valve; repair (shop)	01 OCT 2023
009-49	Pressure Heal Bonnet Valve; repair (in-line)	01 OCT 2023
009-50	Horizontal Swing Check Valve; repair	01 OCT 2023
009-52	Relief Valve; repair	01 OCT 2023
009-53	Bolted Bonnet Steam Valve; repair (shop)	01 OCT 2023
009-54	Bolted Bonnet Steam Valve; repair (in-line)	01 OCT 2023
009-55	Regulating / Reducing Valve; repair	01 OCT 2023
009-58	Pump and Driver Shaft Alignment; accomplish	01 OCT 2023
009-75	Circuit Breaker; repair	01 OCT 2023
009-78	Passive Countermeasures System (PCMS) Material Repair/Installation Requirements; accomplish	01 OCT 2023
009-81	Compartment Closeout; accomplish	01 OCT 2023
009-96	Ball Valve; repair	01 OCT 2023
009-104	Vibration Testing and Analysis; accomplish	01 OCT 2023
009-107	Piping System Cleanliness (Non-Nuclear); accomplish	01 OCT 2023
009-110	Non-Nuclear Work on Nuclear Vessels; accomplish	01 OCT 2023
009-113	Rotating Electrical Equipment with sealed Insulation systems (SIS); rewind	01 OCT 2023

3.1.2. LOCAL STANDARD ITEMS

Local Standard Items are provided as attachments and invoked on individual task/delivery orders as required:

Table 9 – LOCAL STANDARD ITEMS		
Standard Item No.	**Title**	**Date**
099-01NW	General Occupational Safety and Health Requirements for the Bremerton Naval Complex (BNC); accomplish (Attachment J-2)	12/01/2023
099-02NW	General Contractor Environmental Protection Requirements for Bremerton Naval Complex (BNC); accomplish (Attachment J-2)	11/27/2023
099-03NW	General Contractor Air Pollution Control and Reporting Requirements for Bremerton Naval Complex (BNC); accomplish (Attachment J-2)	12/01/2023
099-04NW	General Contractor Hazardous Material Requirements for Bremerton Naval Complex (BNC); accomplish (Attachment J-2)	12/01/2023
099-05NW	General Contractor Water Pollution and Spill Prevention Requirements for Bremerton Naval Complex (BNC); accomplish (Attachment J-2)	12/01/2023
099-06NW	General Contractor Waste Management Requirements for Bremerton Naval Complex (BNC); accomplish (Attachment J-2)	12/01/2023
099-07NW	General Contractor Solid Waste Management Requirements for Bremerton Naval Complex (BNC); accomplish (Attachment J-2)	11/27/2023
099-08NW	Schedule and Associated Reports for Availabilities at Puget Sound Naval Shipyard Over 9 Weeks in Duration; provide and manage (Attachment J-2)	12/01/2023
099-09NW	Schedule and Associated Reports for Availabilities 9 Weeks or Less in Duration; provide and manage (Attachment J-2)	11/27/2023
099-010NW	Maintaining Protection and Cleanliness from Non-Radioactive Operations; accomplish (Attachment J-2)	04/19/2019
099-011NW	Compartment Closeout; accomplish (Attachment J-2)	11/27/2023
099-012NW	General Requirements for Service Contracts; accomplish (Attachment J-2)	11/27/2023
099-05PH	Miscellaneous requirements (for Pearl Harbor); accomplish (Attachment J-3)	7/22/2010
042-05	Norfolk Naval Shipyard (NNSY) Work Authorization Form (WAF) Requirements; accomplish (Attachment J-4)	10/21/2019
042-06	General Occupational Safety, Health and Environment (OSHE) Requirements for Work Within Norfolk Naval Shipyard; accomplish (PCP) (Attachment J-5)	10/21/2019
042-07	Security Requirements for Work Within Norfolk Naval Shipyard; accomplish. (Attachment J-6)	10/21/2019
042-10	Nuclear Powered Ships/Nuclear Support Ships; special requirements (Attachment J-7)	10/21/2019
042-37	General Requirements for Work Within Naval Station Norfolk; accomplish (Attachment J-8)	10/21/2019
077-01	Hazardous Waste Produced on Naval Vessels; Control (Attachment J-9)	09/18/2019

3.1.3. The Contractor shall comply with the following references below:

3.1.3.1. Occupational Safety and Health Administration (OSHA) 29 CFR, part 1915.

3.1.3.2. National Fire Protection Association Standard 306 and 312.

3.1.3.3. S9542-AA-MMO-010, Vessel board Aviation JP-5 Fuel Systems, Surface Vessels Description, Operation and Maintenance.

3.1.3.4. S9068-T8-STM-010, CH 593 Pollution Control.

3.1.3.5. S9068-T8-STM-010, CH 542, Gasoline and JP-5 Fuel Systems *Note Para. 542-4.2.1.6, JP-5 TANKS SHALL BE CLEANED WITH FRESH WATER, NOT SALT WATER

3.1.3.6. NAVMEN P-5010-7, Manual of Naval Preventive Medicine, CH 7, Wastewater Treatment and Disposal, Ashore and Afloat (current series).

3.1.3.7. MIL-STD-777, Schedule of piping, valves, fillings, associated piping components for Naval Surface Ships.

3.1.3.8. NAVSHIPYDPUGET Notice 5239 – Personal Electronic Devices (PED)

3.1.3.9. PSNS&IMF CONTRACTOR BADGING & ACCESS REQUIREMENTS (Attachment J-10).

3.1.3.10. NAVSEAINST 5100.3 – Mercury, Mercury Compounds, and Components Containing Mercury or Mercury Products; Control of (Attachment J-18)

3.1.3.11. Joint Fleet Maintenance Manual (JFMM) (current series)
https://www.navsea.navy.mil/Home/SUBMEPP/Products/JFMM/

NOTE: The Contractor shall comply with the latest revision of these documents in effect at the time of award and also at the commencement of each new ordering period. Additionally, in the event that there is any conflict between the references, NSIs, LWTs, and SWTs take precedence over technical manuals/specifications and other references.

4. FACILITY REQUIREMENT

4.1. FACILITY LOCATION

The nature of the work required by the proposed contract requires close liaison with the Government. Therefore, the Contractor shall staff and maintain a minimum of three (3) offices located within a 50-mile radius of:

Norfolk, VA (in support of Naval Station Norfolk, Norfolk, VA; Norfolk Naval Shipyard, Portsmouth, VA; SUPSHIP Newport News, Newport News, VA; and other Atlantic Fleet CVN requirements).

San Diego, CA (in support of Naval Station San Diego, San Diego, CA; North Island Naval Air Station, San Diego, CA; and other Pacific Fleet CVN requirements).

Bremerton, WA (in support of Puget Sound Naval Shipyard, Bremerton, WA and Everett Naval Station, Everett, WA).

The facility size requirement for the Norfolk, VA area, San Diego, CA area, and Bremerton, WA area is a minimum of 2,000 sq. ft. at each location.

4.2. FACILITY FUNCTION

Unless specified, work on task/delivery orders pertaining to a specific ship or location shall be performed by the nearest Contractor facility to the work site. Performance of administrative and supervisory

management functions shall be in the same facility or at a location within the same specified commuting distance.

5. GENERAL REQUIREMENTS

5.1. The Contractor is responsible for performing all work required under this contract in accordance with recognized professional standards in the appropriate discipline.

5.2. The Contractor's personnel may be required to attend local Government-sponsored meetings.

5.3. The Contractor shall, if required, prepare all necessary calculations in support of any product or deliverable required under a task/delivery order. A copy of the calculations shall accompany the first submittal of the product/deliverable for the COR & T/A's approval.

5.4. All documents prepared by the Contractor under this contract are the exclusive property of the U.S. Government and shall be delivered to the applicable RMC, or TYCOM at the completion of the task/delivery order. Data provided to the Contractor in accordance with the task/delivery order is subject to the FAR clause 52.245-1 Government Property (latest) and such other provisions as may be set forth in each task assignment.

5.5. All equipment, documents, and material provided by the Government or purchased with funds provided by the Government shall be returned to the applicable RMC or TYCOM upon expiration of this contract. No labor or material charges shall be made for returning these items.

5.6. The applicable RMC or TYCOM will provide the necessary workspace, Facility Furnishings and Equipment (FFE) at no cost to the Contractor when task assignment requires the Contractor to perform the necessary work on-site at the applicable RMC or TYCOM.

5.7. Work Site Location: Support required by this contract may be performed at U.S. Navy facilities or on-board U.S. Navy CVNs/Ships, which may be operating off the east or west coasts of the U.S. or in overseas operating areas. Contractor personnel may be required to travel by military transportation including Carrier Onboard Delivery (COD) as part of transportation to/from operating ships.

5.8. The Contractor shall be able to provide support on weekends and evenings. Overtime is authorized via the ACO per task/delivery order for only the total number of overtime hours awarded. Overtime shall be approved in writing (email acceptable) by the T/A, along with COR concurrence, in advance of being worked. Any additional overtime required shall be authorized in writing by the ACO prior to the overtime being worked (email acceptable).