Statement of Work

OEM SERVICES FOR LIFTING MAIN ENGINE HIGH PRESSURE TURBINE CASING

Section A: Scope

1. OBJECTIVE:

1.1 Provide OEM guidance and technical oversight for lifting and reinstallation of the #1 Main Propulsion Unit (MPU) High Pressure (HP) Turbine casing to repair labyrinth packing leak by as well as providing induction heating services/tooling for removal of casing fasteners.

2. BACKGROUND/INTRODUCTION:

2.1 Ships force reported 1 Gland Seal (GS) is experiencing abnormalities in maintaining GS header pressure. Troubleshooting and communications with PREPY have narrowed the plausible source to the #1 HP Turbine Labyrinth Packing. During the new construction of a vessel, Newport News Shipbuilding (NNS) NNS found MPU HP turbine labyrinth seal flat bar springs were not hardened properly, with similar issues noted on following inspections for another vessel. Repairing labyrinth springs on the #1 HP Turbine requires lifting the turbine casing.

Section B: Applicable Documents

3. DOCUMENTATION:

3.1 **REFERENCE:**

A) LIAISON ACTION REQUEST (LAR) CVN78-26-PP-3.2-96673

B) TECH MANUAL S9126-62-MMA-010 (N), REV. 4 – CVN 78 CLASS MAIN PROPULSION UNIT (N) MAIN PROPULSION TURBINES

Section C: Requirements

4. SCOPE OF WORK:

Provide field service technical direction, material (labyrinth packing assemblies) in support of #1 HP Casing Lift for the planned replacement of all labyrinth packing. Contractor to provide subcontracting for induction bolt heating equipment and bolt heating technician for HP casing disassembly and HP casing reassembly.

5. CONTRACTOR RESPONSIBILITY:

5.1 Provide induction heating equipment and personnel for turbine casing fastener removal per OEM specifications.

5.2 Provide guidance, replacement labyrinth packing material, and technical oversight of the inspection and replacement of labyrinth packing on #1 MPU HP Turbine per OEM specifications.

5.3 Provide Open and Inspect Condition Found Report (CFR) throughout repair process.

5.4 Provide periodic condition found reports (CFR) and recommendations of noteworthy non-conformances during disassembly and reassembly of #1 MPU HP Turbine.

5.5 Provide Completion Report in approved transferable media. Report to include completed overhaul report for #1 MPU HP Turbine per TM S9216-62-MMA-010, Rev. 4, Section 6.2.19 and Figure 7-22.

6. NNSY/GOVERNMENT RESPONSIBILITY:

6.1 Government shall ensure these services are available and operational as needed:

6.1.1 Electrical Power 120 Volt AC

6.1.2 Proper Lightning

6.1.3 Adequate Ventilation

6.1.4 Low pressure air

6.1.5 Forklift and crane services

6.1.6 De-energize and tag-out sources of power and then restore

6.2 Government shall meet with Contractor to plan job, review requirements, and ensure access to space and OSHA safe environment.

7. GOVERNMENT FURNISHED PROPERTY:

No government furnished property will require removal from NNSY for the purposes of this repair.

8. SECURITY REQUIREMENTS:

8.1 Contractor will be accessing our facilities at NNSY and will require satisfactory security to access the engine spaces on the vessel.

9. DELIVERY TERMS/SHIPPING/TRANSPORTATION:

9.1 N/A

10. PLACE OF PERFORMANCE/DELIVERY LOCATION:

10.1 TBD

11. PERIOD OF PERFORMANCE(POP)/COMPLETION DATE/DELIVERY DATE:

11.1 POP – 8/03/2026 through 1/31/2027

SECTION D: CONTACT INFORMATION

12. TECHNICAL POCS:

TBD

13. INVOICE CERTIFIER:

TBD

SECTION E: ADDITIONAL INFORMATION/REQUIREMENTS

14.SAFETY REQUIREMENTS:

14.1 "Per FAR 22.102-1(a) entitled "Safety", Contractors are hereby informed that their employees or representatives present on property under Norfolk Naval Shipyard cognizance must follow Federal and State OSHA requirements OSHE OSHECM Chapter Hazardous Energy Control (HEC) requirements or safety requirements for site specific location of the contract.

14.2 Contractors and Non-NNSY Government Agencies (NNGAs) are hereby informed that their employees or representatives present on property under Norfolk Naval Shipyard (NNSY) cognizance must adhere to Federal OSHA requirements for hazardous energy control IAW 29 CFR 1915.89 and must follow Hazardous Energy Control (HEC) procedures as identified in NAVSEA's Occupational Safety, Health, and Environment Corporate Manual (OSHECM) Chapter 250 (latest revision), when performing work under NNSY contract. All HEC work to be performed by Contractors and NNGAs requires that NNSY Technical Points of Contact (TPOCs) and/or Contracting Officer's Representatives (CORs) be notified of the HEC scope of work prior to starting work. Any changes or deviations in the initial scope of HEC work requires the NNSY TPOCs and/or CORs to be informed of the change/deviation. Appendix 250.B-1 through B-3 of OSHECM Chapter 250 for multiple employer work identifies when Contractors and NNGAs are required to assign their Lockout/Tags-Plus Coordinator (LOTC) to coordinate HEC work with the cognizant NNSY LOTC. HEC locks shall be provided by the contractor or NNGA for their employees' use. The HEC locks shall have red bodies with name labels or name tags affixed, identifying who installed the HEC lock(s) and a point of contact telephone number. HEC lock name labels and tags must be made of materials that will hold up to the environment to which they are exposed. HEC tags used for Tags-Plus HEC work shall be provided by the cognizant NNSY LOTC to the contractor or NNGA for their use if machinery, equipment, or systems (MES) cannot be locked out. OSHECM Chapter 250 Tags-Plus procedures will be strictly followed.

14.3 Contractors and NNGAs may obtain electronic copies of OSHECM Chapter 250 (latest revision) and access the OSHA 1915.89 web site by using the following link to NNSY's public access web site:

14.4 Names and contact information for NNSY LOTCs and/or the Building Monitor will be provided by NNSY TPOC and/or CORs set forth elsewhere in this award document.

15.REQUEST FOR BASE ACCESS:

15.1 Defense Biometric Identification System (DBIDS):

15.1.1 Any new contractor, vendor or supplier requesting base access AFTER 31 May 2017 will be required to obtain a DBIDS credential. NCACS credentials will no longer be issued.

15.1.2 Only DBIDS credentials will be issued to ALL contractors, vendors and suppliers seeking base access AFTER 14 August 2017.

15.1.3 Defense Biometric Identification System (DBIDS) increases installation security and communications by receiving frequent database updates on changes to personnel/credential status, law enforcement warrants, lost/stolen cards, and force protection conditions. The system provides continuous vetting anytime the DBIDS card is scanned at an installation entry point.

15.2 NCACS Card Holders

15.2.1 If you currently have a Navy Commercial Access Control System (NCACS) card, the following is required to get a DBIDS credential:

15.2.1.1 Present your NCACS Card and a completed copy of the SECNAV FORM 5512/1 to the base Visitor Control Center representative.

15.2.1.2 The VCC will pull up your information onto the computer, ensuring all information is current and correct.

15.2.1.3 Once your information is validated, a temporary DBIDS credential is provided.

15.2.1.4 Your temporary credential will have an expiration date, prior to which you will need to obtain your permanent DBIDS credential (~ 90 days).

15.2.1.5 For each additional U.S. Navy installation to which you need access, the first time you visit you only need to bring your DBIDS credential and statement of purpose for base access when arriving at the Visitor Control Center.

15.2.1.6 The representative will enter base access authorization and then you may proceed to work.

15.3 Non-NCACS Card Holders

15.3.1 If you do NOT have an NCACS Card, the following is required to obtain a DBIDS credential:

15.3.1.1 Present a letter or official document from my government sponsoring organization that provides the purpose for your access.

15.3.1.2 Present valid identification, such as a passport or Real ID Act-compliant state driver's license.

15.3.1.3 Present a completed copy of the SECNAV 5512/1 form to obtain your background check.

15.3.1.4 Upon completion of the background check, the Visitor Control Center representative will complete the DBIDS enrollment process, which includes your photo, fingerprints, base restrictions, and several other assessments; after all this is done, you will be provided with your new DBIDS credential.

15.3.1.5 You may now proceed to work.

15.4 Non-Participants

15.4.1 One-Day Passes: Participation in the DBIDS is not mandatory, and if the Contractor chooses to not participate, the Contractor's personnel will have to obtain daily passes, be subject to daily mandatory vehicle inspection, and will have limited access to the installation. The Government will not be responsible for any cost or lost time associated with obtaining daily passes or added vehicle inspections incurred by non-participants in the DBIDS.

15.5 FOR ADDITIONAL QUESTIONS ABOUT OBTAINING A DBIDS CARD, CONTACT YOUR LOCAL BASE VISITOR CONTROL CENTER. INFORMATION IS ALSO PROVIDED AT: www.cnic.navy.mil/om/dbids.html

16. STANDARDIZED SECURITY INPUTS:

Defense Biometric Identification System and NAVSEA Badging (REQUIRED FOR ALL CONTRACTS)

All contractors, except for permanent party (or “seated” contractors with Common Access Cards (CACs), will be required to obtain a DBIDS card to gain access to NNSY.

Procedure for receiving a DBIDS card:

a. Contractor will complete the SECNAV 5512 form(s) and forward them to their NNSY Sponsor/Contracting Officer’s Representative (COR).

b. The sponsor will complete the CVS spreadsheet utilizing the information on the completed SECNAV5512 forms and forward all documents to Commander Navy region Mid-Atlantic (CNRMA) for vetting.

c. CNRMA will add the contractor to the “179-Day List” which is utilized by the Pass and ID office to create the DBIDS card.

d. Once on the 179-Day List, the contractor may go to Pass and ID to have their DBIDS card generated.

e. Green NAVSEA access badges can be generated at this point with contractors providing proof of U.S. Citizenship (Birth Certificate/ US Passport).

Portable Electronic Devices (PEDs) (REQUIRED FOR ALL CONTRACTS)

A PED is defined as any non-stationary electronic apparatus with singular or multiple capabilities of, but not limited to recording, storing, and/or transmitting data, voice, video, or photo images (e.g., cell phones, laptops, tablets and wearable devices such as fitness bands and smart watches).

a. NAVSEA 04 Ser 04/281 IMPLEMENTATION PLAN FOR ALLOWING CAMERA-PORTABLE ELECTRONIC DEVICES WITHIN THE CONTROLLED INDSUTRIAL AREA

b. NAVSEAINST 2200.1A PORTABLE ELECTRONIC DEVICES POLICY

c. SECPROMAN Vol 1 5510.36 Rev E

In accordance with ref (a), personally owned camera enabled PEDs will be authorized inside of the Controlled Industrial Area (CIA) and all Security Islands. Camera enabled PEDs will remain unauthorized within Controlled Nuclear Information Areas (CNIAs), Nuclear Work Areas (NWAs) and Open Storage Areas. All PEDs, camera enabled or not, are still prohibited within NWAs and Open Storage Areas.

The allowance of camera enabled PEDs inside of the CIA and Security Islands does not negate existing photography policies. Unofficial photography, filming of video, or live streaming from the camera-enabled PED remains prohibited within the CIA or any NAVSEA controlled space outside of the CIA. Further, audio recordings (both digitally and magnetically) in NAVSEA spaces are prohibited without the approval of Code 1120 Security Director.

Submarine SPECIFIC PEDs Instructions: In accordance with COMSUBLANT/ COMSUBPACINST 2075.1C, the use of PEDs while in or on Department of Navy Submarines are prohibited.

Access to Classified Information or Spaces

All contractors executing this contract are required to have a minimum-security clearance of _____ (Completed by SME).

All contractors requiring access to classified information, or those spaces containing un-sanitized classified information, shall possess a final security clearance.

In addition to completing the above steps, if the contractor requires access to classified information, spaces, or equipment

in accordance with the requirements of the contract, the contracting company's Facility Security Officer is required to submit a visit request in the Defense Information System for Security (DISS) to Security Management Office (SMO) Code 001816.

The SMO Code(s) of the ship or command the contractor is visiting are not to be utilized.

After receiving a DBIDS card, their visit request, security clearance and access permissions (verified in DISS) are reviewed to ensure they meet the minimum-security requirements set forth in the contract. Once verified, the contractor will receive the appropriate NAVSEA access badge.

RESTRICTED DATA SPECIFIC

All contractors requiring a red NAVSEA badge and access to Restricted Data (RD) shall have a final security clearance.

Red NAVSEA badge personnel may require access to Nuclear Areas, Nuclear Information, Nuclear equipment, Naval Nuclear Propulsion Information (NNPI), RD, and Not Releasable to Foreign Nationals (NOFORN) data due to the nature of the work being performed on Naval Nuclear propulsion systems.

A red NAVSEA badge is necessary for the execution of nuclear and some non-nuclear work; inclusive of the propulsion plant and secondary spaces as well as those systems which support the propulsion plants which may not be located in the propulsion plant when any of those spaces cannot be sanitized.

Access to RD and the issuance of red NAVSEA badges will be issued in accordance with NAVSEA M 5510.2.

CONTROLLED UNCLASSIFIED INFORMATION ACCESS

The DoD will provide information to contractors and will identify all information which is Controlled Unclassified Information (CUI) via the contracting vehicle, in whole or part, and will mark such documents, material, or media in accordance with this issuance.

When CUI is generated by non-DoD entities protective measures and dissemination controls, including those directed by relevant law, regulation, or government-wide policy, will be articulated in the contract, grant, or other legal agreement, as appropriate.

DoD contracts must require contractors to monitor CUI for aggregation and compilation based on the potential to generate classified information pursuant to security classification guidance addressing the accumulation of unclassified data or information. DoD contracts require contractors to report the potential classification of aggregated or compiled CUI to a DoD representative.

Contractors, pursuant to mandatory DoD contract provisions, will submit unclassified DoD information for review and approval for release in accordance with the standard DoD Component processes and DoDI 5230.09.

All CUI records must follow the approved mandatory disposition authorities whenever the DoD provides CUI to, or CUI is generated by, non-DoD entities in accordance with Section 1220-1236 of Title 36, CFR, Section 3301a of Title 44, U.S.C., and this issuance.

SEATED CONTRACTOR SPECIFIC

All contractors who receive CACs and are granted access to Navy or NNSY information technology systems and are stationed at NNSY as their permanent work location are considered to be “seated” contractor.

All seated contractors will be required to report to BLDG 1502, 2nd floor, to the Personnel Security Office (Code 1127) for check-in. Code 1127 will own the contractor seated in the system of record and will be responsible for the maintenance of the contractor’s security profile.

All seated contractors will be required to attend, at a minimum, the security education portion of NNSY New Employee Orientation.

The security education portion will contain, but is not limited to, Antiterrorism Level 1, Combatting Trafficking in Persons, Active Shooter training, Information Security, Personnel Security, and Operations Security Awareness training.

Further, all seated contractors will be required to complete all annual computer-based security refresher training, which is tracked and verified by the training coordinator for the code to which the contractor is assigned.

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Enclosure (1)