STATEMENT OF WORK (SOW)
FOR
BOILER INSPECTIONS FOR TRACEN PETALUMA

1.0 GENERAL

1.1 BACKGROUND
U.S. Coast Guard (USCG) Training Center (TRACEN) Petaluma requires the inspection and hydrostatic testing services for 14 boilers located at 599 Tomales Road, Petaluma, CA 94952. This SOW outlines specific tasks, deliverables, and conditions for the safe, compliant, and operational testing of designated boilers.

1.2 SCOPE
The scope of this SOW is to provide all personnel, equipment, supplies, materials, tools, supervision, and documentation necessary to inspect, test, and report on the boilers listed in Section 2.1 at TRACEN Petaluma.

1.3 OBJECTIVE
The objective is to ensure operational readiness, safety, and compliance of all designated boilers at TRACEN Petaluma through thorough inspection, hydrostatic testing, and documentation.

1.4 APPLICABLE DOCUMENTS
- USCG Form CG-5519 Boiler Inspection Report
- California C-4 or C-36 Licensing Requirements

  Licensing Classifications

2.0 SPECIFIC REQUIREMENTS/TASKS

2.1 The Contractor shall inspect and hydrostatically test the following 14 boilers at USCG Training Center (TRACEN) Petaluma IAW with the SOW:

Boiler	Model	Serial #	Location
KN	Series 10	0101423561	Steadman Hall Bldg 550
KN	Series 10	0101423560	Steadman Hall Bldg 550
KN	Series 4	0101423474	Facilities ENG Bldg 160
Smith	GS110-W-3-H	GS100-H-080030	Housing 308A
Smith	GS110-W-3-H	GS100-H-080081	Housing 308B
KN	Series 10	0101423559	Club Bldg 134
KN	Series 6	0101423558	Motor Poll Bldg 170
KN	Series 4	0101423473	Supply Bldg 165
Lochinvar	CHN0991	K10H00229967	Gym Bldg 251
Lochinvar	FTX400N	2019119201701	Theater Bldg 261
KN	Series 10	0101423563	Mace Hall Bldg 130
Lochinvar	CHL1801	C11H00231789	Upper Galley Bldg 126
Lochinvar	CHL1801	C11H00231788	Upper Galley Bldg 126
Smith	GS110-W-7-H	GSS110-7-H-080024	Housing Bldg 403 (Outside)

2.1.1 Inspection and Testing Requirements

The Contractor shall perform the following for each boiler:

- Descale and clean the interior of the heat exchanger.
- Conduct a visual inspection of the heat exchanger.
- Remove lagging brickwork to fully expose the drum/tubing.
- Blank off connected boilers as required.
- Prepare and conduct a hydrostatic test at 1.5 times the Maximum Allowable Working Pressure (MAWP).
- Remove or isolate pressure relief valves and operational pressure controls prior to pressurization.
- Any damaged safety valve shall be noted and replaced by the technician if not properly blocked, removed, or isolated.
- Set fill valve PSI appropriately, not exceeding MAWP.
- Ensure boiler water temperature is between 70°F and 100°F during testing.
- Upon reaching test pressure, close supply valve and visually inspect all welds, pipe connections, and gaskets.
- After completion, return the boiler to normal operating conditions.
- Complete and submit USCG Form CG-5519 for each boiler inspected.

2.1.2 Contractor Responsibilities

- Provide all necessary tools, equipment, PPE, and personnel required to perform the test.
- Provide testing rig, including portable hydro pumps, compressed air lines, or filling rigs as required.
- Utilize certified, calibrated pressure gauges to ensure accuracy.
- Staff the site with trained operators capable of monitoring gauges, handling pressure drops, and maintaining safety protocols throughout testing.
- Ensure the pressure test verifies vessel integrity without damaging adjacent systems.
- Isolate, clamp, or remove delicate inline equipment such as pressure relief valves, expansion tanks, and digital transducers that cannot tolerate elevated test pressure.
- Install temporary plugs, caps, or blind flanges to safely section off the portion under review.
- Correct any damage caused during inspection or testing at Contractor's expense.
- Restore all site conditions to their pre-work state.

2.1.3 Quality Assurance

- Contractor shall avoid damaging building surfaces or boiler components.
- Any damages caused by inspection or testing shall be repaired at Contractor's expense.

3.0 CONTRACTOR PERSONNEL

3.1 QUALIFIED PERSONNEL

The Contractor must provide qualified personnel to perform all requirements specified in this SOW. **Personnel must hold a valid California C-4 or C-36 boiler**, hot water heating, and steam fitting license. Documentation of qualifications must be submitted with the bid.

3.2 CONTINUITY OF SUPPORT

The Contractor must ensure that the contractually required level of support for this requirement is maintained at all times. The Contractor must ensure that all contract support personnel are present for all hours of the workday. If for any reason the Contractor staffing levels are not maintained due to vacation, leave, appointments, etc., and replacement personnel will not be provided, the Contractor must provide e-mail notification to the Government Technical Representative prior to employee absence. Otherwise, the Contractor must provide a fully qualified replacement.

3.3 EMPLOYEE IDENTIFICATION

3.3.1 Contractor employees visiting Government facilities must wear an identification badge that, at a minimum, displays the Contractor name, the employee's photo, name, clearance-level and badge expiration date. Visiting Contractor employees must comply with all Government escort rules and requirements. All Contractor employees must identify themselves as Contractors when their status is not readily apparent and display all identification and visitor badges in plain view above the waist at all times.

3.3.2 Contractor employees working on-site at Government facilities must wear a Government issued identification badge. All Contractor employees must identify themselves as Contractors when their status is not readily apparent (in meetings, when answering Government telephones, in e-mail messages, etc.) and display the Government issued badge in plain view above the waist at all times.

3.3.3 KEY PERSONNEL

Before replacing any individual designated as *Key* by the Government, the Contractor must notify the Contracting Officer no less than 15 business days in advance, submit written justification for replacement, and provide the name and qualifications of any proposed substitute(s). All proposed substitutes must possess qualifications equal to or superior to those of the *Key* person being replaced, unless otherwise approved by the Contracting Officer. The Contractor must not replace *Key* Contractor personnel without approval from the Contracting Officer. The following Contractor personnel are designated as Key for this requirement:

- BOILER INSPECTOR Note: The Government may designate additional Contractor personnel as *Key* at the time of award.

3.4 EMPLOYEE CONDUCT

3.4.1. Contractor's employees must comply with all applicable Government regulations, policies and procedures (e.g., fire, safety, sanitation, environmental protection, security, "off limits" areas, wearing of parts of DHS uniforms, and possession of weapons) when visiting or working at Government facilities. The Contractor must ensure Contractor employees present a professional appearance at all times and that their conduct must not reflect discredit on the United States or the Department of Homeland Security. The Project Manager must ensure Contractor employees understand and abide by Department of Homeland Security established rules, regulations and policies concerning safety and security.

3.5 REMOVING EMPLOYEES FOR MISCONDUCT OR SECURITY REASONS

The Government may, at its sole discretion (via the Contracting Officer*), direct the Contractor to remove any Contractor employee from DHS facilities for misconduct or security reasons. Removal does not relieve the Contractor of the responsibility to continue providing the services required under the contract. The Contracting Officer will provide the Contractor with a written explanation to support any request to remove an employee.

4.0 OTHER APPLICABLE CONDITIONS

4.1 SECURITY
Contractor access to classified information is not currently required under this SOW

4.2 PLACE OF PERFORMANCE
U.S. Coast Guard (USCG) Training Center (TRACEN) Petaluma located at 599 Tomales Road, Petaluma, CA 94952-4154

4.2.5 Period of Performance
Services must be completed prior to 1 September 2026.

4.3 HOURS OF OPERATION
Contractor employees must generally perform all work between the hours of 0800 through 1530 PST, Monday through Friday (except Federal holidays). However, there may be occasions when Contractor employees must be required to work other than normal business hours, including weekends and holidays, to fulfill requirements under this SOW.

4.4 Government Points of Contact
Government Technical Representative / Point of Contact (POC):
CWO Nicholas Greenwell
Title: MEO Branch Chief Email: nicholas.a.greenwell@uscg.mil Phone: (707) 765-7312

5.0 GOVERNMENT FURNISHED RESOURCES
The Government will not furnish any resources to the Contractor in support of this contract.

6.0 CONTRACTOR FURNISHED PROPERTY
The Contractor must furnish all facilities, materials, equipment and services necessary to fulfill the requirements of this contract, except for the Government Furnished Resources specified in SOW 2.0 and SOW 5.0.

7.0 GOVERNMENT ACCEPTANCE PERIOD
The Government Technical Representative will review deliverables prior to acceptance and provide the contractor with an e-mail that provides documented reasons for non-acceptance. If the deliverable is acceptable, the Government Technical Representative will send an e-mail to the Contractor notifying it that the deliverable has been accepted.

7.1 The Government Technical Representative will have the right to reject or require correction of any deficiencies found in the deliverables that are contrary to the information contained in the Contractor's accepted proposal. In the event of a rejected deliverable, the Contractor will be notified in writing by the Government Technical Representative of the specific reasons for rejection. The Contractor may have an opportunity to correct the rejected deliverable and return it per delivery instructions.

7.2 The Government Technical Representative will have 15 business days to review deliverables and make comments. The Contractor must have 15 business days to make corrections and redeliver.

7.3 All other review times and schedules for deliverables must be agreed upon by the parties based on the final approved Project Plan. The Contractor must be responsible for timely delivery to Government personnel in the agreed upon review chain, at each stage of the review. The Contractor must work with personnel reviewing the deliverables to assure that the established schedule is maintained.