

# Statement of Work

## Installation of New 145,000 BTU Boiler and Disposal of Existing Unit

For

Mackay Island National Wildlife Refuge Office  
316 Marsh Causeway, Knotts Island, NC 27950  
Currituck County, NC

Date: 02/04/2026

### Project Overview

This project involves the removal and proper disposal of the existing heating oil boiler system and the installation of a new 145,000 BTU boiler. The work will ensure compliance with all applicable safety, environmental, and building codes.

This system is used to heat the office of the Mackay Island National Wildlife Refuge via baseboard radiators. The office is 2,886 sq. ft. and was built in 1956. The boiler also heats water for the plumbing fixtures that include 1 kitchen sink, 2 bathroom sinks, and a shower (emergency use only). In the foreseeable future, daily use would be 2 people, maximum of 5 with some transient use during the day if the Visitor Center Contact Station were to reopen. If we had a meeting at the office, we might occasionally have more than one person follow behind each other to use the bathroom; otherwise demand for hot water would be spaced throughout the workday.

### Scope of Work

Removal and Disposal:

- Disconnect and remove the existing boiler and associated components.
- Ensure safe handling and disposal of the old boiler in accordance with local regulations.

Installation of New Boiler:

- Deliver and install a new 145,000 BTU boiler.
- Connect to existing piping, electrical, and venting systems.
- Perform necessary adjustments for optimal operation.

Testing and Commissioning:

- Pressure test and verify system integrity.

- Start-up and operational testing of the new boiler.
- Provide documentation of performance and compliance.

## Deliverables

- Fully installed and operational 145,000 BTU boiler.
- Disposal certificate for the old boiler.
- Final inspection and commissioning report.

## Period of Performance

The period of performance will be 15 days from the time of award of the contract. Normal work hours are Monday – Thursday, 7 am to 4:30 pm. No work will be done on federal holidays.

## Responsibilities

Contractor:

- Provide labor, equipment, and expertise for removal, installation, and testing.
- Possess and maintain, for the duration of this project, a state license as required by the state.

Government:

- Provide site access and confirm utility shutdowns as needed.

## Compliance and Safety

All work will adhere to OSHA standards, local building codes, and environmental regulations for disposal.

## Acceptance Criteria

The project will be considered complete when:

- All equipment is installed and operational.
- All connections are secure, and there are no leaks or obstructions.
- The system is tested and confirmed to be operating efficiently and effectively.
- The worksite is cleaned, and all debris is properly disposed of.

## Payment Terms

Payment will be processed online through the Invoice Processing Platform System (IPP) at <http://www.ipp.gov>. Invoices should not be submitted until after the on-site Point of Contact confirms that work has been completed to the standards of this contract.

## Warranty

The contractor will provide a one-year warranty on all labor and materials used in the installation. Any defects or issues arising from the installation will be addressed promptly and without additional cost to the client.

## Contacts

- Primary Contact –  
Kelley Van Druten, [kelley\\_vandruten@fws.gov](mailto:kelley_vandruten@fws.gov), 252-475-0172
- Secondary Contact-  
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