NATIONAL PARK SERVICE
LAKE ROOSEVELT NATIONAL RECREATION AREA
SCOPE OF WORK
AND TECHNICAL SPECIFICATONS
FOR
FORT SPOKANE LAW ENFORCEMENT BOAT
Purchase, Remove, and Install Engine & Components

BACKGROUND:

1. The National Park Service (NPS), Lake Roosevelt NRA has a requirement for replacement of a Marine Outboard Gasoline Engine on an NPS owned boat. The project entails the purchase, removal, and installation of the boat's engine with two new marine grade engines in accordance with requirements and specifications set forth in this Scope of Work (SOW). The government intends to make a simplified acquisition, best value award based on price and other considerations. The Contractor shall provide material and equipment submittals to the Contracting Officer (CO) as outlined in this SOW.

2. Vessel Information:
The vessel is a 26 foot, Secured Around Floatation Equipped boat known as the "Seahawk", and is the primary vessel used for law enforcement patrols in the South District of Lake Roosevelt National Recreation Area. The boat was originally built in 2010, and the use of the vessel is to act as a law enforcement platform as well as use in transportation of personnel, supplies, and equipment on Lake Roosevelt. The following boat and engine information is provided:

Boat Information:
Make: Rogue Jet Boatworks
Model: 2011 COASTAL hard top
Hull: 26' Foot Aluminum Plaining Hull
Beam 8'6"
HIN: RQJT1267L011

Engine Information:
Fuel type: Gasoline
Currently installed: Mercury Verado 300XL L6
S/N: 1B829727
Current engine hours @1010 hours

SCOPE OF WORK

This Scope of Work contains equipment specifications that include a brand name requirement. Offered replacement engines must meet the salient characteristics included in this Scope of Work.

Re-power 2011 26 ft Rogue – Enclosed cabin patrol boat. Contractor shall provide all labor, equipment, and materials to remove old engine with associated controls, cables, wiring, gauges, and mounting hardware, and install two new engines and associated controls, cables, wiring, gauges, and mounting hardware to provide a complete operating system that is appropriate for vessel specifications and current transom. Some modifications to transom and helm may be required. Quote for all equipment and all work.

PERIOD OF PERFORMANCE

The period of performance (POP) will be from approximately July 20, 2026 to February 5, 2027. Delivery of boat to contractor's shop and installation of new motors can begin no earlier than October 5, 2026. The boat will be in service through early October and cannot be provided at an earlier date. The early POP start is to provide lead time for ordering materials and supplies, if required. The contractor will have up to 90 days to complete all requirements listed in the SOW upon delivery of the boat.

Work Statement

1. Assure all connection and fittings are leak free
2. Supply stainless steel propellers to match performance needs
3. Replace and add engine harness assemblies to receive new engines
4. Replace throttle control cables or fly-by-wire system
5. Install a new Throttle Knob
6. Install new electronic display matched to the engines
7. Integrate with current Garmin Nav Package via NEMA 2000
8. Contractor to assure a finished and operational product by providing a sea trial from a launch site coordinated with the Contracting Officer's Representative (COR). The boat shall be inspected by the COR before launching.
9. Contractor will address any issues after 10 hour sea trial break-in period
10. Supply all related documentation to include owner's operation and technical manuals as they pertain to the new motor. Manuals to be in electronic format and hard copy.
11. Return old engine on a pallet to the FT Spokane office

Salient Characteristics

Replace one (1) Mercury Verado 300 HP outboard motor with two (2) new Mercury Verado 150 HP inline 4 outboard motors per the following specifications:

1. Replacement engines must have a fuel/ethanol tolerance of at least 87 octane and up to 10% ethanol
2. 150 Horsepower each
3. Engine type: Inline 4
4. 4 Stroke Engine
5. Water/Thermostatic controlled
6. Water cooled
7. Electric Start
8. Electric Trim
9. Electronic Fuel Injected
10. Maximum Dry Weight 455 lbs. each
11. 60 Amp (756 watts) alternator system
12. Shaft length as required by hull

Delivery

National Park Service may transport, deliver, and retrieve the boat up to 130 highway miles (Tri-Cities included) from Fort Spokane to contractor. Contractor shall coordinate delivery and start of work with the COR. Sea trials will be conducted by contractor and all systems will be operational to factory standards prior to final delivery.