Sources Sought Notice Draft

Major Overhaul of Ship Service Diesel Generator Engine aboard USCGC MIDGETT

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1.0 Disclaimer

This is a Sources Sought notice issued for market research purposes only. This is not a solicitation, request for proposal, or invitation for bid. The Government is not obligated to award a contract based on this notice and will not reimburse respondents for any costs associated with preparing or submitting a response.

The purpose of this notice is to identify responsible sources capable of performing the required work and to determine the availability of qualified small business concerns, including all applicable socioeconomic categories.

2.0 Requirement Overview

The U.S. Coast Guard is seeking sources capable of performing a major overhaul of one Ship Service Diesel Generator (SSDG) engine aboard USCGC MIDGETT during a planned period of performance of 02 OCT 2026 through 23 OCT 2026.

The applicable engine is a Caterpillar 3512B diesel engine associated with the cutter's ship service electrical generation plant. The contractor shall provide all labor, supervision, management, technical support, rigging, tools, test equipment, materials not otherwise furnished by the Government, and other incidentals necessary to accomplish the overhaul and return the equipment to satisfactory operating condition.

3.0 Scope of Work

- Accomplish a major overhaul of one Caterpillar 3512B SSDG engine in accordance with applicable Coast Guard technical publications and standard specifications.
- Perform initial operational testing of affected equipment and systems prior to commencement of overhaul work.
- Record pre-overhaul measurements, including crankshaft thrust, web deflection, timing, gear backlash as required, and shaft alignment between engine and generator.
- Disconnect, drain, remove, protect, and later restore all systems and interferences necessary to complete the overhaul, including but not limited to fuel oil, lube oil, jacket water, seawater, ventilation, intake, exhaust, insulation, and electrical connections.

- Perform engine disassembly, cleaning, inspection, qualification of parts, overhaul, and reassembly.
- Provide inspection documentation for components requiring inspection, reconditioning, renewal, or replacement.
- Conduct magnetic particle inspections of applicable components as required.
- Clean the generator and perform associated electrical maintenance, including insulation resistance testing.
- Conduct final shaft alignment, reinstall coupling components, and restore the machinery to operational configuration.
- Perform required system checks, adjustments, overspeed trip setting, safety shutdown verification, and operational testing after repairs.
- Support final break-in and operational testing, including no-load and loaded testing, load bank support with associated cabling and routing, parallel load sharing as applicable, and collection of required performance data.
- Submit required condition and test reports, inspection reports, and other documentation necessary to support Government review and acceptance.

4.0 Technical and Performance Requirements

- Experience performing major overhauls of marine diesel engines of similar size, complexity, and application.
- Experience with Caterpillar 3512B engines, or equivalent high-output marine auxiliary diesel engines.
- Ability to provide an OEM-authorized or OEM-licensed technical representative for Caterpillar 3512B equipment to support disassembly, inspection, overhaul, reassembly, troubleshooting, adjustment, and testing.
- Ability to furnish all required special tools, rigging, load bank equipment or coordinated load bank support, temporary cables and routing approach, and other contractor-furnished equipment necessary to execute the overhaul and post-repair testing.
- Ability to perform shipboard work in a controlled industrial environment while protecting adjacent machinery and systems from contamination or damage.
- Ability to execute pre- and post-overhaul measurements, alignment verification, operational testing, and technical reporting.
- Ability to comply with applicable Coast Guard shipboard safety, quality assurance, preservation, electrical, and welding requirements.
- Ability to meet the required period of performance.

5.0 Government-Furnished Property and Information

The Government anticipates furnishing select material and applicable technical references. Offerors should identify any assumptions regarding Government-furnished material, contractor-furnished material, OEM support, lead times, and special tooling.

6.0 Period of Performance

The anticipated period of performance is 02 OCT 2026 through 23 OCT 2026.

Interested sources shall clearly state whether they can support this performance window and identify any schedule, mobilization, material, or technical constraints that may affect execution.

7.0 Place of Performance

The place of performance is anticipated to be aboard USCGC MIDGETT, homeported at U.S. Coast Guard Base Honolulu, 400 Sand Island Parkway, Honolulu, HI 96819-4398.

8.0 North American Industry Classification System (NAICS) and PSC

The Government is considering the following classifications for this effort:

NAICS: 336611 – Ship Building and Repairing

PSC: J020 – Maintenance, Repair, and Rebuilding of Equipment – Ship and Marine Equipment

Interested sources may recommend alternate NAICS or PSC codes if more appropriate, with rationale.

9.0 Requested Response Information

Interested parties are requested to submit a capability statement that addresses the following:

- Company name, address, UEI, CAGE code, and business size/status under the identified NAICS.
- Point of contact information: CWO Matt Temple, matthew.temple@uscg.mil.
- Description of the company's experience performing comparable marine diesel engine overhauls.
- Specific experience with Caterpillar 3512B engines, if applicable.
- Description of experience providing OEM-authorized or OEM-supported technical representatives for similar work.
- Description of shipboard overhaul, alignment, testing, and restoration capabilities.
- Description of capability to provide or coordinate load bank testing support, including load bank capacity, temporary cabling, routing, setup, operator qualifications, and data collection.
- Availability of required labor categories, special tools, rigging capability, test equipment, and load bank support, including cable-routing and installation capability.
- Ability to meet the required 02 OCT 2026 through 23 OCT 2026 period of performance.
- Examples of recent and relevant past performance for similar work completed within the last five years, including customer, vessel or platform type, scope, period of performance, and contract value.

- Identification of any major subcontractors or OEM partners anticipated to support performance.
- Identification of any risks, assumptions, or constraints the Government should consider in developing the acquisition strategy.

10.0 Submission Instructions

Responses to this Sources Sought notice should be limited to five (5) pages, excluding cover page and business certifications, if submitted, and submitted electronically in PDF format to the point of contact listed above no later than [11SEP26 0800 PST].

Email subject line should read: Sources Sought Response – USCGC MIDGETT SSDG Major Overhaul.

The Government may use the responses to determine the appropriate acquisition strategy, including whether a set-aside is feasible. Responses will not be returned.

11.0 Questions

Questions regarding this Sources Sought notice may be submitted to the point of contact identified above no later than 11SEP2026. Responses to questions may be provided at the Government's discretion.

12.0 Summary

The Government is seeking qualified sources capable of performing a time-sensitive major overhaul of one Caterpillar 3512B Ship Service Diesel Generator engine aboard USCGC MIDGETT within the stated period of performance. Responses should demonstrate relevant technical capability, marine overhaul experience, OEM support readiness, and the ability to successfully execute shipboard testing, documentation, and restoration requirements.