

General Information

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Description

THIS IS A SOURCES SOUGHT NOTICE ONLY. THIS IS NOT A REQUEST FOR PROPOSALS. THERE WILL NOT BE A SOLICITATION, SPECIFICATIONS, OR DRAWINGS AVAILABLE. THIS SOURCES SOUGHT NOTICE IS PUBLISHED FOR MARKET RESEARCH PURPOSES ONLY. The Naval Sea Systems Command (NAVSEA) PEO SUB seeks information as to potential qualified sources with specific experience and expertise to provide a modular mast for submarine sail systems. The modular mast will have application to the VIRGINIA Class submarines with the potential for implementation on new design submarines. The modular mast features include ability to hydraulically raise and lower sail mounted sensor systems, provide structural support throughout the range of mast deployment, and provide feedback on mast location throughout the raise\lower stroke. The modular mast design is required to meet extreme environmental conditions, use a common sail interface, modular, accessible for removal of subassemblies without removal of entire system from the sail, and serviceable at the Navy's Intermediate level. Candidate systems are required to have the capability to be integrated and interoperable with the Photonics Mast, Multifunction Modular Mast, High Data Rate Mast and Multifunction Mast.

Responsible sources should provide detailed technical information addressing the following areas:

- 1) Performance and Survivability
 - a) Provide an overall technical description of the functions and capabilities of the equipment.
 - b) Provide data for the modular mast specifically related to Availability, Reliability and Maintainability.
 - c) Provide details of the raise\lower speeds and the operating hydraulic pressure.
 - d) Provide analysis or data addressing the underwater shock survivability of the outboard equipment.
 - e) Provide details on overall dimensions and weight of the modular mast.
 - f) Provide details on the routing and handling of the sensor cables.
 - g) Provide details on the interface between the modular mast and the supported sensors.
 - h) Provide details on the interface between the modular mast and the sail. Provide details on the materials and coatings used in the design of modular mast.

- i) Provide details on the design and performance of the mast height indication sensors and any associated cabling.
 - j) Provide details on the ability to interface and mechanically operate sail closure doors.
 - k) Provide details on the installation and removal of the equipment from the sail.
- 2) Maintenance Philosophy
- a) Describe the maintenance and repair process proposed to support the equipment on US Navy submarines (i.e., operational and intermediate level maintenance).
 - b) Describe the depot maintenance philosophy and capability for the system.
- 3) Data rights
- a) Provide details on any limitations on technical data rights for the equipment specifically proprietary information that would not be shared with the US government.
- 4) Installed Base and Customer Feedback
- a) Provide details on the numbers of modular masts currently installed, in production, on order and proposed, including countries and submarine types.
 - b) Provide points of contact for references willing to provide details of their experience with the modular mast being offered.

Interested sources are requested to provide unclassified company literature and/or provide a capability summary not to exceed 50 pages in length addressing the topics described above. RESPONSES SHOULD INCLUDE THE FOLLOWING INFORMATION: Company name; Address; Point of Contact; Phone Number; E-mail address; and Level of Facility clearance. All information submitted in response to this notice shall be received on or before 9NOV2012. Submit information both in hardcopy and on (CD) by mail to Paul DiTaranto and Ryan Hackett at the aforementioned mailing addresses. Telephonic responses are not acceptable. The Government may not respond to any specific questions or comments submitted in response to this sources sought notice or information provided as a result of this sources sought notice. Any information submitted by respondents as a result of this sources sought notice is strictly voluntary. This sources sought notice is for information planning purposes and the Government will not pay or otherwise reimburse respondents for information submitted. All documentation shall become the property of the Government. The Government is not soliciting, nor will it accept proposals as a result of this sources sought notice. This sources sought notice is a market research tool being used to determine the existence of qualified and experienced sources. All firms responding to this sources sought notice are advised that their response to this notice is not a request to be considered for a contract award. If a solicitation is issued, it will be announced later via Navy Electronic Commerce Online and Federal Business Opportunities and all interested parties must respond to that solicitation announcement separately from the response to this sources sought notice. Response to this notice is not a request to be added to a bidders list or to receive a copy of a solicitation. THE GOVERNMENT DOES NOT INTEND TO AWARD A CONTRACT SOLELY ON THE BASIS OF THIS SOURCES SOUGHT NOTICE.

Point of Contact

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