

**Summary**

This Request for Information (RFI) issued by the United States Coast Guard is for information and planning purposes only. This is not a solicitation for proposals, and no contract shall be awarded from this summary. No reimbursement will be made for any costs associated with providing information in response to this summary or any follow-up information requests.

At this time, proprietary information is not being requested, and respondents shall refrain to the maximum extent practical from providing proprietary information in response to this RFI. If respondents volunteer to provide proprietary information in response to this RFI, clearly mark such proprietary information and separate it from the unrestricted information as an appendix. Responses shall not exceed 10 pages including appendices. Follow-up discussions may be conducted with respondents.

Responses to this RFI must be received no later than 10 November 2016 at 11:00 am ET. Responses to this RFI shall be emailed to the following email address: [icebreaker@uscg.mil](mailto:icebreaker@uscg.mil). Please direct any questions regarding the posting of this RFI to the attention of the Heavy Polar Icebreaker Program at [icebreaker@uscg.mil](mailto:icebreaker@uscg.mil). To assist the Government with tracking responses, please reference RFI No. HSCG23-17-I-ICEBREAKER in the subject line. Telephone responses will not be accepted.

**Purpose**

The purpose of this RFI is to receive feedback on the notional Heavy Polar Icebreaker acquisition approach and schedule. In the proposed high-level acquisition approach, Government-funded industry studies would be conducted to mature designs, reduce program risk, and receive industry feedback on ways to make the Polar Icebreaker affordable while providing the capability to the fleet as quickly as possible. The Industry Studies will be followed by a single contract for design and construction of Heavy Polar Icebreakers.

The Program incorporated industry feedback from March 2016 into the notional program schedule below and seeks industry feedback on how construction of Heavy Polar Icebreakers could be further accelerated. The Operational Requirement Document for the Heavy Polar Icebreaker is available on the Polar Icebreaker program webpage (link on top right): <http://www.uscg.mil/acquisition/icebreaker/>



validation and refinement of the Heavy Polar Icebreaker System Specification. Through these studies, the contractor teams will also mature their designs. The requirement for the industry studies is further outlined in the attached draft Statement of Work (SOW).

**Design and Construction Contract:** The Program intends to have a separate full and open competition leading to a single U.S. Shipyard being awarded a contract for design and construction of all of the Heavy Polar Icebreakers (one contract with option CLINs). The Program is considering requiring, as part of the technical portion of the proposal submission, a mature design of sufficient detail to demonstrate: ship size, hull form, weights, displacement, ice breaking and open water propulsion powering, ship service electrical capacity, speed, range, endurance, stability, seakeeping, maneuvering in ice and open water, and detailed costs to support award of a design and construction contract.

#### **Requested Information from Industry**

1. Please provide a notional plan of action and milestones for how your company would meet the desired delivery dates in the notional schedule.
2. Please identify risks with the notional approach and identify potential opportunities to accelerate the schedule that the Program should consider in accomplishing the Heavy Polar Icebreaker acquisition.
3. Please identify any items that could be provided as Government Furnished Equipment or Government Furnished Information to further accelerate the acquisition.