

17 May 2018

ONR BAA Announcement N00014-18-S-B004 entitled “Automated Celestial Navigation System (ACNS)” Amendment 0001

The purpose of Amendment 0001 is to answer questions received in response to the BAA. The due date and time for proposals remains unchanged.

Q1: BAA Section II B entitled Federal Award Information: Item 3 in this section, entitled Funded Amount and Period of Performance, states “. . . We expect to spend between 4 and 8 million dollars on proposals selected for funding. We anticipate 1 award however, depending on funding availability; ONR may fund up to 2 awards with the potential for a down select after ~6 months.” Please clarify the meaning of the above statement. Does this indicate that ONR expects to spend between 4 and 8 million per award or, 4 to 8 million total?

A1: ONR expects to spend \$4-\$8 million in total.

Q2: BAA Appendix 1, page1 entitled Technical Proposal Format: This section states “The numbers of pages indicated in the section headers below are upper limits.” There is no page count noted for Section 3, 8, and 9 of the technical proposal. Please indicate the allowable/upper limit page count for of these sections.

A2: There is no page limit for these sections.

Q3: BAA Appendix 1, Page 3 entitled Section 10 – List of Attachments (1 Page): Please indicate any limitations on what can be supplied as an Attachment in this section.

A3: There are no limitations on Attachments.

Q4: BAA including Appendix 1 and 2: In multiple places, the BAA indicates that at-sea testing will be conducted within the 18-month period of performance. Please clarify whether the performer is expected to conduct, and therefore bid, the at-sea testing or, provide support to Government-led at sea testing. If the latter, please indicate when, during the period of performance, the Contractor needs to deliver the Automated Celestial Navigation System (ACNS) system in order to support a Government test schedule.

A4: At-sea testing will be Government led and the performer will provide support. The Government will provide a test vessel equipped with Navy surface ship navigation equipment with which the offeror’s celestial navigation system will be integrated. Offerors should plan to support test integration at a Government shore site followed by an underway period of 2-4 weeks. The offeror should propose 2 riders to support the system during underways. Offerors should assume integration and at sea demo will occur during the final quarter of the POP, with the system being delivered to the Government at the end of the effort.

Q5: BAA Appendix 1 Section 6 entitled Technology Transition (8 pages): Per pages 2-3 of this section, is there a preferred format for the requested estimated cost for the following?

- 1) The TRL 6 to TRL 9 maturation effort;
- 2) The procurement of quantity 10 units; and;
- 3) The procurement of quantity 100 units?

The offeror assumes that the “cost-proposal-template-091417.xlsx” spreadsheet, which was referenced in the BAA, was only meant for the price of the 18-month demonstration phase. Please clarify.

A5: The assumption is correct. Please refer to Appendix 1 Section 6, which states that a cost estimate is required. The offeror should include in the technical proposal ROMs for the TRL 6 to TRL 9 maturation, procurement of 10 units, and procurement of 100 units. The ROMs are informational only, nonbinding, and not to be included in the offeror’s cost proposal.

Q6: BAA Section E (1)(c) entitled Likelihood of Technology Transfer: This section of the BAA states “...while we will not test the prototype against the DOD environmental standards found in appendix C, we will evaluate the plausibility of the design against those standards...” and this section also states “...proposals with preliminary designs for systems that plausibly meet or have credible paths toward meeting environmental and maintainability requirements found in appendix C will be reviewed favorably.” Please clarify as the BAA does not contain an Appendix C.

A6: There is no Appendix C in the BAA, this refers to Appendix C of the GFI Package, which is a separate attachment.

Q7: Appendix 2, Item C entitled Federal Award Administration Information: This section states “...applicable to Contracts and Other Transaction Agreements (See Appendix 3).” Please clarify as the BAA does not include an Appendix 3.

A7: This was an error; the Appendix 3 reference should have been removed and is not applicable.

Q8: Reference BAA, Appendix 2, A. Proposal and Submission Information, Proposal Package, (5) Stand-alone non-proprietary Statement of Work (SOW) in Word. What is the upper limit on pages in the Statement of Work?

A8: There is no page limit for the SOW.

A9: Reference BAA, Appendix 2, A. Proposal and Submission Information, Format requirements. What are the font requirements for graphics, illustrations, and tables?

A9: The font requirements listed in Appendix 2, A apply to all graphics, illustrations, and tables.

Q10: Reference GFI Package, Section 1: System Description, Performance, SWaP-C goals, Table 2 System Performance Metrics.

- a. Will ONR provide a test ship, ocean test venue, and test support staff for the TRL 6 demonstration? What training will be required of the contractor staff for a shipboard at-sea demonstration (e.g., survival accreditation).
- b. Must the TRL 6 demonstration show satisfaction of the environmental performance metrics in Table 2?

A10: a) ONR will provide test ship, ocean test venue, and test support staff for the TRL 6 demonstration. Offerors should propose 2 riders to operate the system during underway periods. Rider training will be provided at the beginning of the underway periods and does not require separate costing.

b) With respect to Table 2, the demonstration must show satisfaction of the High Sea State, and 4 weeks at sea. Additionally, please refer to Appendix C of the GFI Package
