

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 07/12/12	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CONTRACTING OFFICER NAVAL RESEARCH LABORATORY 4555 OVERLOOK AVE., SW WASHINGTON DC 20375-5326	CODE N00173	7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) TO ALL OFFERORS			(X)	9A. AMENDMENT OF SOLICITATION NO. N00173-12-R-AT03
				9B. DATED (SEE ITEM 11) 06/14/12
				10A. MODIFICATION OF CONTRACT/ORDER NO.
				10B. DATED (SEE ITEM 11)
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE ATTACHED

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

The purpose of this amendment is to answer questions submitted by prospective offerors.

1. Question: "Paragraph 8.1 refers to a verification test plan to define the testing to be performed. Assuming the intent of this requirement is to demonstrate burst, fatigue, etc., predictions, are these units included in the Base and Option quantities or are they to be supplied in addition to these quantities?"

Answer: The Base and Options quantities are the number of functional PVs to be delivered to the Navy. Additional tanks will have to be built for the verification testing. The proposal should indicate how many extra liners and wrapped tanks will be needed to meet the test plan.

2. Question: "What is the factor of safety to be applied to the external pressure, empty 700psi case? (Para 2.2)"

Answer: A safety factor of 1.5 on external pressure is preferred, although 1.2 may be acceptable.

3. Question: "Is the interpretation of Paragraphs 3.1.5, 3.1.6 (H2 tank) and paragraphs 4.1.5, 4.1.6 (O2 tank) that the external surfaces of both bosses will be threaded (2.2500-12UNJ-3A and 1.8750-12UNJ-3A respectively while the forward ports will be threaded internally to 0.5625-18UNJ-2B (the aft ports will have no defined internal threads)?"

Answer: The aft port will not have any internal threads, only external threads to screw into the liner port boss. If a company proposes to make a liner with no port boss on the aft end that would be a good feature. They would only need to attach a support boss on the end to wrap around. So the liner aft port and plug may not be needed if an innovative design is presented.

4. Question: "The specification references that these cylinders be "visually inspected for quality and for conformance with ISO 11119-2:2002(E) and D.O.T. marking requirements." The ISO spec has a whole slew of test requirements that must be met i.e. liner burst test, cylinder burst test, ambient cycle test, environmental cycle test, flaw test, drop test, gunfire test, fire resistant, etc. Will we need to perform all these tests to qualify the tanks?"

Answer: The specification is for visual inspection only and conformance with marking requirements. To be clear, it is not legal to put D.O.T. markings on a tank without actually doing all of the tests. Thus, a label that signifies "Experimental Use Only" and "Not to be Transported Filled" may be appropriate. At this point the requirement is for visual conformance.

5. Question: "Can a development phase be added to the RFQ? In the development phase down-scaled vessels could be fabricated and tested for proof of "concept" before committing to the cost of producing and then testing the much more costly full scale vessels. That is, assuming that the Navy has not already been working with a vendor and that vendor has assured the Navy that vessels of these pressures and design are capable of being fabricated without development work. Please advise."

Answer: Yes, offerors can propose a development or staged effort, but the offeror should consider how they will be ranked for Factors 1 and 3 for evaluation.

6. Question: "Is a time extension possible?"

Answer: No.