

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. P00001	3. EFFECTIVE DATE 06/30/15	4. REQUISITION/PURCHASE REQ. NO. 71-3014-15	5. PROJECT NO. (If applicable)	
6. ISSUED BY Naval Research Laboratory 4555 Overlook Ave SW Washington DC 20375	CODE	7. ADMINISTERED BY (If other than Item 6)	CODE	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) ALL QUOTERS	(X)	9A. AMENDMENT OF SOLICITATION NO. N00173-15-Q-0096
		9B. DATED (SEE ITEM 11)
		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 1 copies to the issuing office.

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

Quotes are due by 07/09/2015 at 2:00pm Eastern time.

See revised description (page 2 of 2)

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) Paul Gilroy Contracting Officer
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA <i>Paul M. Gilroy</i> (Signature of Contracting Officer)
(Signature of person authorized to sign)	16C. DATE SIGNED 6-30-15

CONTINUATION SHEET

REF. NO. OF DOC. BEING CONT'D

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NAME OF OFFEROR CONTRACTOR

ALL QUOTERS

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
001	<p>Provide a compact, low power, and rugged digital signal processing system for integration onto an autonomous underwater vehicle (AUV) that is based on a Xilinx VC709 FPGA processing board coupled to an Intel 4-core host system. This processing system will operate in an enclosed and submerged vessel and should dissipate its heat load by conduction.</p> <p>Architecture Requirements:</p> <ol style="list-style-type: none"> 1) Host computer consisting of Intel based 4 core processor (Core i7, 2.1GHz min) <ol style="list-style-type: none"> a. PCIe Gen3, 8-lane to FPGA b. Gig-E (x2) c. 16GB RAM d. 500GB Solid State Drive e. 64-bit Unix OS 2) FPGA subsystem based on Xilinx Virtex-7-VX690T (2FFG1761C) <ol style="list-style-type: none"> a. Two banks 1866MTs DDR3, 4GB each, with 64bit data path widths b. PCIe endpoint connectivity, Gen3, 8-lane to host computer c. 1000 BaseT input interface to FPGA 3) Chassis <ol style="list-style-type: none"> a. Size not to exceed 6" x 6" x 10" b. All components to be conduction cooled c. Weight not to exceed 15 pounds fully populated 4) Power <ol style="list-style-type: none"> a. Less than 150W 5) Software <ol style="list-style-type: none"> a. Drivers to support all included interfaces 6) Provide Engineering support for integration. <p>Items must be brand name or equal.</p> <p>If available, please include a published price list or a cost breakdown and return the RFQ package to Kerry Callahan at the following email: kerry.callahan@nrl.navy.mil</p> <p>Any questions concerning this Request for Quotation (RFQ) must be emailed to SolOnA@nrl.navy.mil at least five (5) days before the closing date shown in block 10 on page 1 of the RFQ.</p>	1	EA		