AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE		PAGE 1 OF PAGES 4	
2. AMENDMENT/MODIFICAITON NO. 0001	3. EFFECTIVE DATE 11/14/13	4. REQUISITION/PURCHASE REQ. NO. 4200492974	5. PROJECT NO. (If applicble)
6. ISSUED BY CODE JAZ		7. ADMINISTERED BY (If other than Item 6) CODE	

6. ISSUED BY:
NASA/AMES Research Center
Acquisition Division
M/S 241-1
Moffett Field, CA 94035-0001

7. ADMINISTERED BY:
Timothy Joyce
Contracting Specialist
(timothy.b.joyce@nasa.gov)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

CODE | FACILITY CODE

(X) x

9A. AMENDMENT OF SOLICIATION NO. NNA14492974Q-ATJ

9B. DATED (SEE ITEM 11) 10/31/13

10A. MODIFICATION OF CONTRACT/ORDER NO.

10B. DATED (SEE ITEM 11)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[x] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [x] 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 1 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 APPROPIRATION 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.)

The purpose of this Amendment to Solicitation NNA14492974Q-ATJ is as follows:

1. Incorporate Questions and Answers, dated November 14, 2013. Please see attached.

2. The Contracting Officer is hereby changed. The new appointed Contracting Officer is Rhonda LaBron, can be reached via email at Rhonda.f.labron@nasa.gov or telephone (650) 604-4685.

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) Rhonda Labron Contracting Officer	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED

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3. Extend the due date and time for proposal submissions. The required date for Receipt of Offers has changed from November 18, 2013 to November 21, 2013, no later than 5:00 p.m., Pacific Standard Time.

4. Acknowledgment of this amendment will also constitute receipt and acknowledgment of Questions and Answers dated 4 November 2013.

Questions and Answers
Solicitation NNA14492974Q-ATJ
REAL-TIME COMPUTER FOR SYSTEM INTEGRATION LABORATORY
14 November 2013

1. Is there a specific software tool kit that is desirable for managing the data access with MATLAB/Simulink?

    - **Simulation Workbench**

2. Does the bidder supply the MATLAB/Simulink software?

    - **No**

3. What are the form factors of the I/O cards?

    - **PCI Express**

4. Is an equivalent AMD CPU acceptable since both AMD and Intel have x86 based instruction set CPUs?

    - **Intel strongly preferred**

5. Does the video card have to be Nvidia GPUs?

    - **NVIDIA strongly preferred**

6. Does the video card required to have 3D capabilities?

    - **No**

7. Does the OS have to be 32 or 64 bit?

    - **64-bit**

8. Is SUSE Real-Time Linux OS acceptable provided it meets the performance specifications?

    - **It is unknown if SUSE is able to run all the necessary software. An example of an OS that can run all the necessary software is the Red Hawk/CentOS 6.**

9. Is there a required spec for CUDA CORES?

    - **No**

10. How much Video Memory is desired on the NVIDIA GPU?

    - **At least 4 GB**

11. Is there any hardware requirements specific to any particular type of card? (Are there any vendor cards that have been tested and were used to develop the minimum acceptable specification of the solicitation? If so, what card(s) were tested and used?)

    - **No**

12. Are external connections to the various I/O cards required and if so what specific connections should there be? (What are the physical connections to the external environment (i.e. I/O card to the EH60L)?)

    - **Special connections are not required. An assortment of D-sub miniature, BNC, Triax, MIL D38999 circular etc.**

13. Are there any interrupt requirements in the real-time environment? If yes, are they internal or external interrupts?

    - **Internal interrupts**