

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES

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2. AMENDMENT/MOD NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO

I 7/23/2009 4200296041

6. ISSUED BY CODE 7. ADMINISTERED BY CODE NASA/JSC

NASA/Johnson Space Center NASA/JSC NASA/Johnson Space Center  
 Attn: Belford Johnson/BH 2101 NASA Parkway Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code)

ALL VENDORS

9A. AMENDMENT OF SOLICITATION NO NNJ09296041R

9B. DATED (SEE ITEM 11) 7/15/09

10A. MOD. OF CONTRACT/ORDER No

10B. DATED (SEE ITEM 13)

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 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 one (1) copy 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 you 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)

*Financial Management*

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

- 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)

IMPORTANT: Contractor IS required to sign this document and return 3 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 amendment 1 to the solicitation entitled FIBER OPTIC TEMPERATURE SENSOR, NNJ09296041R, is to answer the following questions:

See the attached word document.

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

## Solicitation NNJ09296041R Question and Answers

Q1. To get the auto-calibration feature, an embedded current source is required. What maximum level of current is required to perform EED assembly calibration?

A.1) Current shall not exceed 600mA during calibration.

Q2. How many channels do you need for the system (for simultaneous measurements)?

A.2) Three channels for the chassis.

Q3. To establish a pricing for EED assembly with a fiber optic sensor, we need to have access to the EED design. Would it be possible to have the model of the EED to instrument? Is it possible to get pictures or drawings of the EED?

A.3) Please see attached drawing provided to establish pricing.

Q4. The performance requirements for temperature range is 60 to 700 °F. That means you are going to use sensor for temperature as high as 370 °C, which is quite unusual for HERO testing. Can you confirm this requirement?

A.4) Yes, 700°F maximum is the requirement. If this requirement cannot be satisfied without development, provide NASA with the maximum temperature that can be measured for approval.

Q5. Concerning the option for a small independent unit which requires NRE, do we have to deliver the prototype in 120 days after reception of offer? Since this process involves a lot of R&D, a 6 months period should be required so as to be able to deal with customization uncertainties.

A.5) The initial project has an estimated time frame of five (5) weeks ARO. But for the option period, six (6) months is acceptable. (See revised Statement of Work (SOW), Section 1.4))

Q6. For the same option, how many prototypes are required?

A.6) 2 prototypes required.