

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE _____ PAGE OF PAGES
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2 AMENDMENT/MODIFICATION NO 000001
 3 EFFECTIVE DATE 02/22/2012
 4 REQUISITION/PURCHASE REQ NO _____
 5 PROJECT NO (if applicable) _____

6 ISSUED BY CODE MSFC
 NASA/Marshall Space Flight Center
 Office of Procurement
 Marshall Space Flight Center AL 35812

7 ADMINISTERED BY (if other than item 6) CODE MSFC
 NASA/Marshall Space Flight Center
 Marshall Space Flight Center AL 35812

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

(x) 9A AMENDMENT OF SOLICITATION NO
 NNM12ZPS002E

x 9B DATED (SEE ITEM 11)
 01/25/2012

10A MODIFICATION 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 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 ACKNOWLEDGEMENT 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)

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 IFB NNM12ZPS002E, Rehabilitation of Critical Mechanical and Electrical Systems for Building 4663 at Marshall Space Flight Center, is to:

(A) Add Federal Acquisition Regulation (FAR) clause 52.228-1, Bid Guarantee (SEP 1996), located on page 36. As a result, pages 36 through 38 are deleted and replaced with revised pages. This change is noted by a vertical line in the right hand margin on page 36.

(B) Provide answers to questions asked by one of the potential bidders on IFB NNM12ZPS002E. These questions and answers are being provided to assist all contractors in preparing their bid.

Continued ...

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)
 Brian A Speer

15B CONTRACTOR/OFFEROR _____

15C DATE SIGNED _____

16B UNITED STATES OF AMERICA
Brian A. Speer
 (Signature of Contracting Officer)

16C DATE SIGNED
 Feb. 22, 2012

NAME OF OFFEROR OR CONTRACTOR

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Question 1: Reference drawing # FAC-PE-4663-M24, in the Valve Schedule: valves marked as "All 10" Isolation Valves" and "All 8" Isolation Valves" are shown to reference note 3 (Electric Actuator) only. Should these valves reference note 3 or note 1 or both 1 and 3?</p> <p>Answer: Reference note 1 only.</p> <p>Question 2: In reference to question #1 above, how many of each size are to be included?</p> <p>Answer: Not applicable since they are not electrically actuated.</p> <p>Question 3: Reference drawing # FAC-PE-4663-M24, in the Valve Schedule: The valve schedule picks up at Mark 4663-VLV0014. Are valves 1 through 13 existing or are they the valves addressed in question 1 above?</p> <p>Answer: VLV0001 thru 00013 are existing valves.</p> <p>Question 4: Reference drawing # FAC-PE-4663-M24, in the Valve Schedule: The following valves appear to be missing from the Valve Schedule because the UCS Component Lists on sheets UCS39 and UCS40 show these points as New Devices:</p> <p>a. 4663A-AH7-CHWV (point is on UCS25 & UCS39 states New Device) b. 4663M-AH1-CHWV (point is on UCS28 & UCS40 states New Device) c. 4663B-AH13-HWV (point is on UCS32 & UCS40 states New Device) d. 4663B-AH14-HWV (point is on UCS33 & UCS40 states New Device)</p> <p>Answer: Devices are existing.</p> <p>Question 5: Reference drawing # FAC-PE-4663-M24, in the Flow Meter Schedule: This device shows to be a flow meter with a display rather than a BTU meter and M18 only shows the flow meter in the Flow diagram (does not show temperature sensors indicative of a BTU meter). However, note 10 on sheet UCS5 and the communication diagram on sheet UCS35, refer to this device as a BTU meter. Please let us know if a BTU meter is desired or a flow meter with a display.</p> <p>Continued ...</p>				

NAME OF OFFEROR OR CONTRACTOR

ITEM NO (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Answer: This should be a BTU meter. Add temperature sensors one each on the supply and return lines to provide info for the BTU meter.</p> <p>Question 6: Reference drawing # FAC-PE-4663-M18: Both chilled water system sequences of operation, Pump Operation Logic reference "The pressure sensor (CHWSP)..." However, I cannot locate any chilled water pump supply pressure points on UCS sheets. Does this point need to be added to UCS terminations or deleted from the sequences on M18?</p> <p>Answer: Delete line item "b" from "2. Pump operation logic" in the sequences.</p> <p>Question 7: Reference drawing # FAC-PE-4663-M: I cannot locate a mechanical control schematic or sequence of operation for 4663B-AH0013 and 4663B-AH0014.</p> <p>Answer: Reuse the existing sequence of operation for the existing AHU's ah0013 and ah0014.</p> <p>Question 8: Since this building is a "Critical support facility," will the work on this contract have to be performed outside normal daytime working hours and/or on weekends?</p> <p>Answer: Plan for normal hours.</p> <p>As a result of this amendment, the hour and date for bids is not extended. Bids are still due on Tuesday, February 28, 2012, at 1:30 P.M. local time.</p> <p>INCO TERMS 2: Destination</p>				

- 52.225-13 Restrictions on Certain Foreign Purchases (JUN 2008)
- 52.227-1 Authorization and Consent (DEC 2007)
- 52.227-4 Patent Indemnity--Construction Contracts (DEC 2007)
- 52.228-1 Bid Guarantee (SEP 1996) (c) The amount of the bid guarantee shall be 20 percent of the bid price or \$3,000,000, whichever is less.
- 52.228-2 Additional Bond Security (OCT 1997)
- 52.228-5 Insurance - Work on a Government Installation (JAN 1997)
- 52.228-11 Pledges of Assets (JAN 2012)
- 52.228-12 Prospective Subcontractor Requests for Bonds. (OCT 1995)
- 52.228-14 Irrevocable Letter of Credit (DEC 1999)
- 52.228-15 Performance and Payment Bonds Construction (OCT 2010)
- 52.229-3 Federal, State, and Local Taxes (APR 2003)
- 52.232-5 Payments under Fixed-Price Construction Contracts (SEP 2002)
- 52.232-16 Progress Payments (AUG 2010) Alternate I (MAR 2000)
- 52.232-17 Interest (OCT 2010)
- 52.232-18 Availability of Funds (APR 1984)
- 52.232-23 Assignment of Claims (JAN 1986)
- 52.232-27 Prompt Payment for Construction Contracts (OCT 2008)
- 52.232-33 Payment by Electronic Funds Transfer Central Contractor Registration (OCT 2003)
- 52.233-1 Disputes (JUL 2002) Alternate I (DEC 1991)
- 52.233-3 Protest after Award (AUG 1996)
- 52.233-4 Applicable Law for Breach of Contract Claim (OCT 2004)
- 52.236-1 Performance of Work by the Contractor (APR 1984) (20 Percent)
- 52.236-2 Differing Site Conditions (APR 1984)

- 52.236-3 Site Investigation and Conditions Affecting the Work (APR 1984)**
- 52.236-5 Material and Workmanship (APR 1984)**
- 52.236-6 Superintendence by the Contractor (APR 1984)**
- 52.236-7 Permits and Responsibilities (NOV 1991)**
- 52.236-8 Other Contracts (APR 1984)**
- 52.236-9 Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (APR 1984)**
- 52.236-10 Operations and Storage Areas (APR 1984)**
- 52.236-11 Use and Possession Prior to Completion (APR 1984)**
- 52.236-12 Cleaning Up (APR 1984)**
- 52.236-14 Availability and Use of Utility Services (APR 1984)**
- 52.236-15 Schedules for Construction Contracts (APR 1984)**
- 52.236-17 Layout of Work (APR 1984)**
- 52.236-21 Specifications and Drawings for Construction (FEB 1997) - Alternate I (APR 1984)**
- 52.236-26 Preconstruction Conference (FEB 1995)**
- 52.242-13 Bankruptcy (JUL 1995)**
- 52.242-14 Suspension of Work (APR 1984)**
- 52.243-4 Changes (JUN 2007)**
- 52.244-6 Subcontracts for Commercial Items (DEC 2010)**
- 52.245-1 Government Property (AUG 2010)**
- 52.245-9 Use and Charges (AUG 2010)**
- 52.246-21 Warranty of Construction (MAR 1994)**
- 52.248-3 Value Engineering - Construction (OCT 2010)**

**52.249-2 Termination for Convenience of the Government (Fixed-Price) (MAY 2004)
Alternate I (SEP 1996)**

52.249-10 Default (Fixed-Price Construction) (APR 1984)

52.253-1 Computer Generated Forms. (JAN 1991)

1852.203-70 Display of Inspector General Hotline Posters (JUN 2001)

1852.209-72 Composition of the Contractor (DEC 1988)

1852.219-74 Use of Rural Area Small Businesses (SEP 1990)

1852.219-75 Small Business Subcontracting Reporting (MAY 1999)

1852.219-77 NASA Mentor-Protégé Program (MAY 2009)

1852.219-79 Mentor Requirements and Evaluation (MAY 2009)

1852.223-74 Drug-and alcohol-free workforce (MAR 1996)

1852.228-75 Minimum Insurance Coverage (OCT 1988)

1852.232-79 Payment for On-Site Preparatory Costs (SEP 1987)

1852.243-71 Shared Savings (MAR 1997)

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