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| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | 1. CONTRACT ID CODE | PAGE OF PAGES 1 4 |
| 2. AMENDMENT/MODIFICATION NO. 000001 | 3. EFFECTIVE DATE 11/30/2015 | 4. REQUISITION/PURCHASE REQ. NO. | 5. PROJECT NO. (if applicable) |
| 6. ISSUED BY NASA/Marshall Space Flight Center Office of Procurement Marshall Space Flight Center AL 35812 | CODE MSFC | 7. ADMINISTERED BY (if other than Item 6) NASA/Marshall Space Flight Center Marshall Space Flight Center AL 35812 | CODE MSFC |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | (x) 9A. AMENDMENT OF SOLICITATION NO. NNM16569420E | |
| | | x 9B. DATED (SEE ITEM 11) 11/05/2015 | |
| | | 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.

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| 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 NNM16569420E, Revitalize Electrical Systems at Building 4711, is to: (1) Provide responses to questions received by the Government; and (2) Revise a page of MSFC Specification FAC-M5063.

Question 1: Where existing transformers are being replaced, will it be required to replace or repair the grounding where it is absent or non-existent?

Response 1: Yes.

Continued ...

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

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| 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 (Signature of person authorized to sign) | 15C. DATE SIGNED |
| 16B. UNITED STATES OF AMERICA Original Signed by Brian A. Speer (Signature of Contracting Officer) | 16C. DATE SIGNED 11/30/2015 |

NAME OF OFFEROR OR CONTRACTOR

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| | <p>Question 2: In order for a bid to be considered as "responsive" will it be required that a contractor provide pricing for the Base Bid and all of the Additive Alternates?</p> <p>Response 2: Yes.</p> <p>Question 3: Where buss duct is oriented on a horizontal axis will it be acceptable to re-install in the same orientation?</p> <p>Response 3: Replace in-kind.</p> <p>Question 4: How much access will we have to the work areas for installation of the new equipment? Will all changeovers be required to be on an after-hours outage basis?</p> <p>Response 4: Bid per plans and specs. Also, refer to Question 5 below.</p> <p>Question 5: Will the building users be relocated for the work?</p> <p>Response 5: No.</p> <p>Question 6: Will the contractor be required to provide temporary lighting and/or power for areas that are being worked for the building users?</p> <p>Response 6: No.</p> <p>Question 7: Will office furniture, computers, and miscellaneous equipment be relocated?</p> <p>Response 7: No.</p> <p>Question 8: Sheet E001, General Note 15 says "Contractor shall notify NASA 21 days prior to any outage" but Spec Section 01 05 90, Item 3.7B says that "The Contractor shall submit each and every request for each individual utility outage in writing seven calendar days in advance of the actual need date for approval by the Contracting Officer." Which is correct?</p> <p>Response 8: All outage requests shall be made in writing twenty-one (21) days prior to the date of outage.</p> <p>Continued ...</p> | | | | |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
 NNM16569420E/000001

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NAME OF OFFEROR OR CONTRACTOR

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
| | <p>The following change is made to this IFB: Revised spec section 01 05 90, Page 9. This revised page is attached.</p> <p>As a result of this amendment, the hour and date for bids is not extended. Bids are still due on Monday, December 7, 2015, at 2:00 P.M. local time at the Huntsville-Madison County Chamber of Commerce located at 25 Church Street, Huntsville, AL 35810.</p> <p>INCO TERMS 2: Destination</p> | | | | |

- B. **Notice of Interruptions:** The Contractor shall submit each and every request for each individual utility outage in writing 21 calendar days in advance of the actual need date for approval by the Contracting Officer. Each required interruption anticipated by the Contractor shall be indicated on the project Schedule for pre-planning purposes by the Government to support the work; lack of such indication, or lack of date accuracy where the date changes from the previously approved project Schedule may result in delays and any such delay will be at the sole expense of the Contractor.

3.8 LEAKAGE PREVENTION

- A. **Capping of Piping Systems:** All piping installed by the Contractor that is connected to a pressurized piping system, and not connected immediately to equipment, shall be terminated with a properly rated cap, blind flange, or capped valve and not left open-ended when Contractor personnel are not at the jobsite.
- B. **Construction Surveillance:** At such time when new or modified piping systems are activated, the Contractor shall provide adequate personnel to monitor the initial start-up and operation of that system to insure that no damaging leak occurs. A monitor shall be present at each separate site of piping installation or modification at the instant of system activation. These Contractor personnel shall be authorized to immediately deactivate the system and qualified to make emergency repairs in the event of system failures. The Contractor shall notify Contracting Officer's Technical Representative a minimum of 2 days prior to activation.

3.9 GOVERNMENT FURNISHED PROPERTY

- A. The Government will furnish to the Contractor the following property to be incorporated or installed in the work, or used in its performance. Salvage property to be removed and reused that is in the general work area shall be handled as a Contractor Service and not listed here.
- B. Property shall be furnished on the ground at a location within the MSFC boundaries as designated by the Contracting Officer. The Contractor shall be responsible for paying any demurrage or detention charges incurred loading, unloading, and transporting the property to the job site at his own expense.
- C. All such property shall be installed or incorporated into the work at the expense of the Contractor, unless otherwise indicated herein.
- D. The Contractor in conjunction with an authorized Government representative shall verify the quantity and condition of such Government-furnished property when delivered to him, acknowledge receipt thereof in writing to the Contracting Officer, and in case of damage to or shortage/overage of such property, he shall within 24 hours report in writing such damage or shortage/overage to the Contracting Officer.
- E. Quantities indicated for the above-listed items marked with an asterisk are estimates. It is the intention of the Government to furnish all of these items required to complete the work as specified and the various quantities will be adjusted when necessary. Quantities stated for the above items not marked with an asterisk are all that will be furnished by the Government. These quantities are not to be considered as indications or warranties that the amounts stated