

2. AMENDMENT/MODIFICATION NO. 0057 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 00701 7. ADMINISTERED BY (If other than Item 6) CODE 00701  
 Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue Idaho Falls ID 83415

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) SPECTRA TECH, INC. Attn: Loong Yong 132 JEFFERSON COURT OAK RIDGE TN 378304821  
 9A. AMENDMENT OF SOLICITATION NO. (x)  
 9B. DATED (SEE ITEM 11)  
 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0003976 x  
 10B. DATED (SEE ITEM 13) 10/21/2015  
 CODE 005078584 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).  
 X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Section I.109 - FAR 52.243-1 Changes - Fixed Price (Aug 1987) Alt I (Apr 1984)  
 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.)

DUNS Number: 005078584  
 The purpose of this modification is to definitize the unilateral change order issued under modification 49 relating to As-Built Drawings Preliminary Work. This work scope is definitized under Section C.3.1.1 of the Performance Work Statement. See below for further details.  
 Payment:  
 FOB: Destination  
 Period of Performance: 01/04/2016 to 03/31/2021

Change Item 00002 to read as follows (amount shown is the total amount):  
 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.

15A. NAME AND TITLE OF SIGNER (Type or print) Robert Milazzo, Vice President 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Aaron Nebeker  
 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 8/30/2018 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED 8/30/18  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

**CONTINUATION SHEET**

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
DE-EM0003976/0057

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NAME OF OFFEROR OR CONTRACTOR  
SPECTRA TECH, INC.

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00002	<p>Base Period (less TMI-2 License Renewal)</p> <p>(four years from the end of transition) Line item value is: \$28,952,626.89 Incrementally Funded Amount: \$21,143,167.16</p> <p>Section C.3.1.1 As-Built Drawings Preliminary Work is incorporated to include the following:</p> <p>The Contractor Shall:</p> <ul style="list-style-type: none"> <li>• Provide DOE-ID a complete list of the FSV drawings that require updating from Sandia National Laboratory's work at FSV.                             <ul style="list-style-type: none"> <li>- The list shall provide the classification (unclassified, OOU, or SGI) of each drawing and the estimated effort to update each drawing</li> </ul> </li> <li>• Provide a detailed schedule for updating the drawings by type (unclassified, OOU, or SGI)</li> <li>• Update five drawings</li> <li>• Provide a cost estimate to update the remaining drawings including an overall schedule for completing all drawings.</li> </ul> <p>Based on this change, the value of CLIN-2 is increased by \$20,028.00 from \$28,932,598.89 to \$28,952,626.89.</p> <p>Contractor's Statement of Release: In consideration of the modification agreed to herein as a complete equitable adjustment for the change agreed to in this modification, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to this proposal for adjustment.</p>				28,952,626.89