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| 2. AMENDMENT/MODIFICATION NO. 0126 | 3. EFFECTIVE DATE See Block 16C | 4. REQUISITION/PURCHASE REQ. NO. | 5. PROJECT NO. (If applicable) |
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| 6. ISSUED BY Idaho Operations Office Idaho Operations U.S. Department of Energy Idaho Operations Idaho Falls ID 89415 | CODE | 892432 | 7. ADMINISTERED BY (If other than Item 6) | CODE | 00701 |
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| 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 | (x) | 9A. AMENDMENT OF SOLICITATION NO. |
| | | 9B. DATED (SEE ITEM 11) |
| | x | 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-EM0003976 |
| | | 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 electronic communication 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 letter or electronic communication, provided each letter or electronic communication 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 data, 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: FAR 52.243-1 Changes - Fixed Price (Aug 1987) Alt 1 (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 add work scope to section C.4.2 - TMI-2 Operations for the TMI-2 ISFSI NRC RFI Dose Calculations. This additional scope falls within the general scope of the contract.
Payment:
Period of Performance: 01/04/2016 to 09/30/2021

Change Item 00003 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.

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| 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  (Signature of person authorized to sign) | 15C. DATE SIGNED 04/29/2021 |
| 16B. UNITED STATES OF AMERICA AARON NEBEKER Digitally signed by AARON NEBEKER Date: 2021.04.29 11:52:48 -06'00' (Signature of Contracting Officer) | 16C. DATE SIGNED 04/29/2021 |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-EM0003976/0126

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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) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
| 00003 | <p>Option Period (less TMI-2 License Renewal) (one year) Line item value is: \$14,233,684.57 Incrementally Funded Amount: \$11,446,663.50</p> <p>C.4.2 TMI-2 Operations is revised as follows:</p> <p>The Contractor shall provide support to develop responses to the seven (7) new questions received from the NRC including the procurement of an independent consultant to inform the decisions and revisions to documentation required as a result of questions and discussions held with NRC reviewers. These are in addition to the original questions addressed in Mod 102. This scope of work is as follows:</p> <ul style="list-style-type: none"> • Review NRC Questions Document and Basis Documents Associated with Response • Provide Support for Discussions with NRC Personnel • Perform Updated Analysis and Calculations Based on Discussions and Agreements with NRC • Prepare Written Response to NRC Questions and Associated Documentation • Incorporate License Basis Document Changes <p>Based on this change, the CLIN-3 value is increased by \$112,216.</p> | | | | 14,233,684.57 |