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| 2. AMENDMENT/MODIFICATION NO. 0482 | 3. EFFECTIVE DATE See Block 16C | 4. REQUISITION/PURCHASE REQ. NO. 21CF000108 | 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) Idaho Operations U.S. Department of Energy Idaho Operations 1955 Fremont Avenue MS 1221 Idaho Falls ID 83415 | CODE 00701 |
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| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) BATTELLE ENERGY ALLIANCE, LLC Attn: Adam Andersen PO BOX 1625 IDAHO FALLS ID 83415 | (x) | 9A. AMENDMENT OF SOLICITATION NO. |
| | | 9B. DATED (SEE ITEM 11) |
| | x | 10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC07-05ID14517 |
| | | 10B. DATED (SEE ITEM 13) 11/09/2004 |
| CODE 152020629 | 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) Net Increase: \$29,137,203.72

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). |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |
| X | D. OTHER (Specify type of modification and authority) DEAR 970.5232-4 "Obligation of Funds" |

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.)
DUNS Number: 152020629
The purpose of this modification is to obligate funding under FIN PLAN #77, May 2021. Req #21CF000108 obligates \$27,766,198.96 for appropriated and obligates \$1,371,104.76 non-appropriated, for SPP, for a total obligation of \$29,137,203.72.
Payment:
OR for Idaho
U.S. Department of Energy
Oak Ridge Financial Service Center
P.O. Box 4368
Oak Ridge TN 37831
FOB: Destination
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) Joanne Hanners |
| 15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i> | 15C. DATE SIGNED |
| 16B. UNITED STATES OF AMERICA Signature on File <i>(Signature of Contracting Officer)</i> | 16C. DATE SIGNED 05/26/2021 |

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
DE-AC07-05ID14517/0482

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NAME OF OFFEROR OR CONTRACTOR
BATTELLE ENERGY ALLIANCE, LLC

| ITEM NO. (A) | SUPPLIES/SERVICES (B) | QUANTITY (C) | UNIT (D) | UNIT PRICE (E) | AMOUNT (F) |
|-----------------|---|-----------------|-------------|-------------------|-------------------|
| 00001 | Period of Performance: 11/09/2004 to 09/30/2024 Change Item 00001 to read as follows (amount shown is the total amount): Management and Operations of the Idaho National Laboratory. Line item value is: \$17,180,000,000.00 Incrementally Funded Amount: \$16,311,977,923.49 | | | | 17,180,000,000.00 |

SECTION B – SUPPLIES OR SERVICES AND PRICES/COSTS

Clause B. 5, Obligation of Funds is revised to read as follows:

The amount presently obligated under this contract is as follows:

The amount presently obligated under this contract is as follows: Details regarding the obligational authority for this modification are provided separately in the Fin Plan #77, May 2021.

Contract DE-AC07-05ID14517

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| Funds Obligated by Contract Award | \$ | - |
| FY 2005 Funding Mod Totals 05-01 thru 05-15 | \$ | 623,283,031.13 |
| FY 2006 Funding Mod Totals 06-01 thru 06-27 | \$ | 774,328,122.14 |
| FY 2007 Funding Mod Totals 07-01 thru 07-14 | \$ | 975,295,354.03 |
| FY 2008 Funding Mod Totals 08-01 thru 08-22 | \$ | 740,655,029.30 |
| FY 2009 Funding Mod Totals 09-01 thru 22 to include RA 1 thru 6 | \$ | 819,161,791.66 |
| FY 2010 Funding Mod Totals 10-01 thru 24 to include RA 1 thru 12 | \$ | 843,176,912.40 |
| FY 2011 Funding Mod Totals 11-01 thru 21 to include RA 1 and 2 | \$ | 871,596,269.64 |
| FY 2012 Funding Mod Totals 12-01 thru 23 to include RA 1 and 3 | \$ | 805,795,946.74 |
| FY 2013 Funding Mod Totals 13-01 thru 18 to include RA 1 thru 3 | \$ | 712,642,634.14 |
| FY 2014 Funding Mod Totals 14-01 thru 14-23 | \$ | 811,803,619.42 |
| FY 2015 Funding Mod Totals 15-01 thru 17 to include RA 15-01 | \$ | 860,410,525.97 |
| FY 2016 Funding Mod Totals 16-01 thru 16-22 | \$ | 977,579,395.50 |
| FY 2017 Funding Mod Totals 17-01 thru 17-16 | \$ | 1,031,504,895.09 |
| FY 2018 Funding Mod Totals 18 thru 36 | \$ | 1,426,895,694.12 |
| FY 2019 Funding Mod Totals 37 thru 53 | \$ | 1,473,788,370.25 |
| FY 2020 Funding Mod Totals 54 thru 67 | \$ | 1,556,654,463.46 |

FY 2021 Funding Mods 68 -

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| Funds Obligated by Modification No. 463 Fin Plan 68 – SPP Funding | \$ | 252,582.09 |
| Funds Obligated by Modification No. 463 Fin Plan 68 – SPP Funding | \$ | 273,358.13 |
| Funds Obligated by Modification No. 464 Fin Plan 68 | \$ | 121,116,900.67 |
| Funds Obligated by Modification No. 464 Fin Plan 68 | \$ | 75,000.00 |
| Funds Obligated by Modification No. 465 Fin Plan 69 – SPP Funding | \$ | 0.06 |
| Funds Obligated by Modification No. 465 Fin Plan 69 – SPP Funding | \$ | 0.00 |
| Funds Obligated by Modification No. 467 Fin Plan 70 | \$ | 49,055,512.72 |
| Funds Obligated by Modification No. 467 Fin Plan 70 | \$ | 30,000.00 |
| Funds Obligated by Modification No. 468 Fin Plan 70 – SPP Funding | \$ | 133,722,928.53 |
| Funds Obligated by Modification No. 468 Fin Plan 70 – SPP Funding | \$ | 279,860.23 |

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| Funds Obligated by Modification No. 469 Fin Plan 71 | \$ | 9,063,424.09 |
| Funds Obligated by Modification No. 469 Fin Plan 71 | \$ | (95.97) |
| Funds Obligated by Modification No. 470 Fin Plan 72 – SPP Funding | \$ | (91,512,469.35) |
| Funds Obligated by Modification No. 470 Fin Plan 72 – SPP Funding | \$ | 275,062.25 |
| Funds Obligated by Modification No. 471 Fin Plan 73 | \$ | \$126,982,836.75 |
| Funds Obligated by Modification No. 471 Fin Plan 73 | \$ | 0.00 |
| Funds Obligated by Modification No. 472 Fin Plan 73 – SPP Funding | \$ | 6,092,517.37 |
| Funds Obligated by Modification No. 472 Fin Plan 73 – SPP Funding | \$ | 2,301,869.93 |
| Funds Obligated by Modification No. 473 Fin Plan 74 | \$ | 80,002,928.98 |
| Funds Obligated by Modification No. 473 Fin Plan 74 | \$ | 0.00 |
| Funds Obligated by Modification No. 474 Fin Plan 74 – SPP Funding | \$ | 11,693,654.17 |
| Funds Obligated by Modification No. 474 Fin Plan 74 – SPP Funding | \$ | 725,839.55 |
| Funds Obligated by Modification No. 475 Fin Plan 75 | \$ | 204,752,048.16 |
| Funds Obligated by Modification No. 475 Fin Plan 75 | \$ | 0.00 |
| Funds Obligated by Modification No. 476 Fin Plan 75 – SPP Funding | \$ | 58,174,794.54 |
| Funds Obligated by Modification No. 476 Fin Plan 75 – SPP Funding | \$ | 435,490.93 |
| Funds Obligated by Modification No. 478 Fin Plan 76 | \$ | 208,658,239.48 |
| Funds Obligated by Modification No. 478 Fin Plan 76 | \$ | 355,000.00 |
| Funds Obligated by Modification No. 479 Fin Plan 76 – SPP Funding | \$ | 45,651,751.91 |
| Funds Obligated by Modification No. 479 Fin Plan 76 – SPP Funding | \$ | 1,472,448.75 |
| Funds Obligated by Modification No. 481 Fin Plan 77 | \$ | 8,337,180.81 |
| Funds Obligated by Modification No. 481 Fin Plan 77 | \$ | 0.00 |
| Funds Obligated by Modification No. 482 Fin Plan 77 – SPP Funding | \$ | 27,766,098.96 |
| Funds Obligated by Modification No. 482 Fin Plan 77 – SPP Funding | \$ | 1,371,104.76 |
| Total Funds Obligated | \$ | 16,311,977,923.49 |

(End of modification)