

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

BPA NO.

1 CONTRACT ID CODE

PAGE

OF

2

3

| | | | | |
|--|--------------|--|---|---|
| 2. AMENDMENT/MODIFICATION NO. M002 | | 3. EFFECTIVE DATE See Block 16C | 4. REQUISITION/PURCHASE REQ NO RES-13-201 Dated: 3/8/2013 | 5. PROJECT NO (if applicable) |
| 6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: Claudia G. Melgar, 301-492-3487 Mail Stop: TWB-01-B10M Washington, DC 20555 | CODE 3100 | 7. ADMINISTERED BY (if other than item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop: TWB-01-B10M Washington, DC 20555 | | CODE 3100 |
| 8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code) ENERGY RESEARCH, INC. 6189 EXECUTIVE BLVD ROCKVILLE MD 208523901 | | | (X) | 9A. AMENDMENT OF SOLICITATION NO. 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTRACT/ORDER NO NRC-HQ-12-C-04-0065 10B. DATED (SEE ITEM 13) 05-31-2012 |
| 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 ACKNOWLEDGMENT 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) B&R: 2013-60-11-6-182; JC: V6038; BOC: 252A; APPN: 31X0200;
DUNS: 621211259; NAICS: 541330 PSC: R413
No Funds Obligated

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

| | |
|-----|---|
| (X) | 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 |
| X | D. OTHER (Specify type of modification and authority) Mutual Agreement of Parties 52.243-2 - Changes-Cost Reimbursement Alternate V (APR 1984) |

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.)

See continuous page

Total Contract Ceiling: \$979,736.03 (changed)
Total Obligated Amount: \$0.00 (Unchanged)
Period of Performance: 5/31/2012 - 5/30/2016 (Unchanged)

Except as provided herein, all terms and conditions of the document referenced in Item 8A or 10A, as heretofore changed, remains unchanged and in full force and effect.

| | | | |
|--|----------------------------|---|------------------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print) Mohsen Khatib-Rahbar, President | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Donald A. King Contracting Officer | |
| 15B. CONTRACTOR'S SIGNATURE John Finkel-RM | 15C. DATE SIGNED 5/2/13 | 16B. UNITED STATES OF AMERICA BY [Signature] | 16C. DATE SIGNED 5/2/2013 |

NSN 7540-01-152-8070
PREVIOUS EDITION NOT USABLE

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA - FAR (48 CFR) 53.243

SUNSI REVIEW COMPLETE

MAY 07 2013

ADM002

TEMPLATE - ADM001

The purpose of this modification is to increase the level of effort by 920 hours (base period 2 by 595 hours, base period 3 by 260 hours, and base period 4 by 65 hours) to accommodate additional contractor support. This increase in level of effort is to support needs of the technical staff working under the Full-Scope Site Level 3 PRA Project. As a result: (1) the estimated cost plus fee is increased for base period 2 by \$104,242.87 from \$247,827.83 to \$352,070.70; base period 3 by \$47,141.69 from 186,800.61 to \$233,942.30; and base period 4 by \$11,765.36 from \$80,037.46 to \$91,802.82; and (2) the contract total estimated cost and fee is increased by \$163,149.92 from \$816,586.11 to \$979,736.03. Accordingly, the contract is hereby modified as follows:

- (1) Under Subsection **B.2 COST REIMBURSEMENT FIXED-FEE SCHEDULE** is Base Period 2, Base Period 3 and Base Period 4 is deleted in its entirety and the following is substituted in-lieu thereof:

B.2 COST REIMBURSEMENT FIXED-FEE SCHEDULE

| BASE PERIOD 2 – June 1, 2013 to May 31, 2014 | | | | |
|--|---|----------------|-----------|--------------|
| CLIN NO. | DESCRIPTION OF SUPPLIES/SERVICES | ESTIMATED COST | FIXED FEE | TOTAL CPFF |
| 002 | To support the Nuclear Regulatory Commission in developing a full-scope site Level 3 PRA that assesses accidents involving one or more reactor cores as well as other site radiological sources (i.e., spent fuel pools and dry storage casks). | \$329,693.09 | | \$352,070.70 |
| Total | | | | \$352,070.70 |

| BASE PERIOD 3 – June 1, 2014 to May 31, 2015 | | | | |
|--|---|----------------|-----------|--------------|
| CLIN NO. | DESCRIPTION OF SUPPLIES/SERVICES | ESTIMATED COST | FIXED FEE | TOTAL CPFF |
| 003 | To support the Nuclear Regulatory Commission in developing a full-scope site Level 3 PRA that assesses accidents involving one or more reactor cores as well as other site radiological sources (i.e., spent fuel pools and dry storage casks). | \$218,966.66 | | \$233,942.30 |
| Total | | | | \$233,942.30 |

| BASE PERIOD 4— June 1, 2015 to May 31, 2016 | | | | |
|---|---|----------------|-----------|-------------|
| GLIN NO. | DESCRIPTION OF SUPPLIES/SERVICES | ESTIMATED COST | FIXED FEE | TOTAL CPFF |
| 004 | To support the Nuclear Regulatory Commission in developing a full-scope site Level 3 PRA that assesses accidents involving one or more reactor cores as well as other site radiological sources (i.e., spent fuel pools and dry storage casks). | \$86,126.02 | | \$91,802.82 |
| Total | | | | \$91,802.82 |

- (2) Under Subsection B.3 CONSIDERATION AND OBLIGATION-INDEFINITE-QUANTITY CONTRACT (AUG 2011); paragraph (a) is deleted in its entirety and the following is substituted in-lieu thereof:

**"B.3 CONSIDERATION AND OBLIGATION-INDEFINITE-QUANTITY CONTRACT
(AUG 2011)**

- (a) The estimated total quantity of this contract for the products/services under this contract is \$979,736.03."

All other terms and conditions of the contract remain the same.