

2. AMENDMENT/MODIFICATION NO. M002 3. EFFECTIVE DATE 02-11-2013 4. REQUISITION/PURCHASE REQ. NO. NRC-13-066A 5. PROJECT NO. (If applicable)

6. ISSUED BY CODE 3100 7. ADMINISTERED BY (If other than item 6) CODE 3100
 U.S. Nuclear Regulatory Commission
 Div. of Contracts
 Attn:
 Mail Stop: TWB-01-B10M
 Washington, DC 20555

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)
 ENERGY RESEARCH, INC.

 6189 EXECUTIVE BLVD
 ROCKVILLE MD 208523901

9A. AMENDMENT OF SOLICITATION NO
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-HQ-12-C-42-0106
 10B. DATED (SEE ITEM 13)

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)
 (\$10,000.00) 2012-25-17-4-107 Q4013 252A 31X0200.225 FFS: 131226 DUNS 621211259

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.
 X 52.243-2 Changes -- Cost-Reimbursement (Aug 1987)

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 1 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 modification is to (1) incorporate labor categories and rates into Section B Supplies or Services and Price/Costs and (2) transfer funds from the base contract NRC-HQ-12-C-42-0106 to specified task order. (See page 2)

Total Order ceiling: \$4,465,489.94 Unchanged
 Total Obligated Amount: \$90,000.00 Changed
 Period of Performance: 9/28/2012-9/30/2017 Unchanged

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

Except as provided herein, all terms and conditions of the document referenced in item 9A 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) <i>Mohan Khatib-Rahbar, President</i> | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pearlette Merriweather |
| 15B. SIGNATURE OF PERSON AUTHORIZED TO SIGN <i>[Signature]</i> | 16B. UNITED STATES OF AMERICA BY <i>[Signature]</i> (Signature of Contracting Officer) |
| 15C. DATE SIGNED 2/12/13 | 16C. DATE SIGNED 2/13/13 |

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

SUNSI REVIEW COMPLETE

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

TEMPLATE - ADM001

FEB 15 2013

ADM002

(1) Section B – Supplies or Services and Price/Costs

Prime Contractor Direct Rate Matrix:

| LABOR CATEGORY | CATEGORY UNBURDENED DIRECT RATE | | | | |
|-------------------------------|---------------------------------|---------|---------|---------|----------|
| | 2013 | 2014 | 2015 | 2016 | 2017 |
| ERI Project Manager | \$90.00 | \$92.70 | \$95.48 | \$98.35 | \$101.30 |
| ERI Senior Technical Reviewer | \$80.00 | \$82.40 | \$84.87 | \$87.42 | \$90.04 |
| ERI Technical Reviewer | \$51.00 | \$52.53 | \$54.11 | \$55.73 | \$57.40 |
| ERI Support Staff | \$33.00 | \$33.99 | \$35.01 | \$36.06 | \$37.14 |

Energy Research, Inc. Fiscal Year January 1 through December 31.

Annual Escalation Factor 3%.

Subcontractor/Consultant Rate Matrix:

| LABOR CATEGORY | SUBCONTRACTOR CATEGORY RATE | | | | |
|--|-----------------------------|----------|----------|----------|----------|
| | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 |
| Principal Subject Matter Expert/Technical Reviewer | \$200.00 | \$206.00 | \$212.18 | \$218.55 | \$225.10 |
| Senior Subject Matter Expert/Technical Reviewer | \$180.00 | \$185.40 | \$190.96 | \$196.69 | \$202.59 |
| Leading Subject Matter Expert/Technical Reviewer | \$160.00 | \$164.80 | \$169.74 | \$174.84 | \$180.08 |
| Subject Matter Expert/Technical Reviewer | \$140.00 | \$144.20 | \$148.53 | \$152.98 | \$157.57 |
| Associate Subject Matter Expert/Technical Reviewer | \$120.00 | \$123.60 | \$127.31 | \$131.13 | \$135.06 |
| Technical Staff | \$100.00 | \$103.00 | \$106.09 | \$109.27 | \$112.55 |
| Technical Editor | \$35.00 | \$36.05 | \$37.13 | \$38.25 | \$39.39 |

Annual Escalation Factor 3%.

The labor rates for the prime contractor's direct labor rates and subcontractor/consultant labor rates are not exceed the stated amount.

- (2) Transfer funding in the amount of \$10,000.00 - 2012-25-17-4-107 Q4013 252A 31X0200.225 from the base contract NRC-HQ-12-C-0106 to task order NRC-HQ-12-C-0106 NRC-T003.