

2. AMENDMENT/MODIFICATION NO. **M005** 3. EFFECTIVE DATE **1/30/2012** 4. REQUISITION/PURCHASE REQ. NO. **RES-12-100** 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: TWS-01-B20M
 Washington, DC 20555
 U.S. Nuclear Regulatory Commission
 Div. of Contracts
 Mail Stop: TWS-01-B10M
 Washington, DC 20555

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
SOUTHWEST RESEARCH INSTITUTE INC
6220 CULEBRA RD
SAN ANTONIO TX 782385166
 CODE FACILITY CODE
 9A. AMENDMENT OF SOLICITATION NO.
 9B. DATED (SEE ITEM 11)
 10A. MODIFICATION OF CONTRACT/ORDER NO. **MRC-04-10-144**
 10B. DATED (SEE ITEM 13) **06-25-2010**

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) RFP#: RES-12-100; FAIMS: RES-C12-100
 Obligation: \$0.00, BAR: 2012-60-11-6-154; JC: V6146
 Appropriation No.: 31X0200

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 data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(c).
 C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: **Mutual Agreement**
 X
 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 provide an unfunded extension from January 31, 2012 through September 28, 2012.
 All other terms and conditions remain unchanged and in full force and effect.

EXCEPT AS PROVIDED HEREIN, ALL TERMS AND CONDITIONS OF THE DOCUMENT REFERENCED IN ITEM 9A OR 10A, AS HERETOFORE CHARGED, REMAINS UNCHANGED AND IN FULL FORCE AND EFFECT.

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| 15A. NAME AND TITLE OF SIGNER (Type or print) E.B. Kalmbach Executive Director, Contracts | 15B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Steve Pool Branch Chief, MSA |
| 16A. CONTRACTOR/OFFEROR | 16B. UNITED STATES OF AMERICA BY |
| 17C. DATE SIGNED 1/25/2012 | 17C. DATE SIGNED 1/30/12 |