

2. AMENDMENT/MODIFICATION NO. <b>M008</b>	3. EFFECTIVE DATE 04-01-2006	4. REQUISITION/PURCHASE REQ. NO. dtd 02/27/06 CIO-03-311/10670648C	5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Nuclear Regulatory Commission Div. of Contracts Attn: H. (Eddie) Colon, Jr. Mail Stop T-7-I-2 Washington, DC 20555	CODE 3100	7. ADMINISTERED BY (If other than Item 6) U.S. Nuclear Regulatory Commission Div. of Contracts Mail Stop T-7-I-2 Attn: H. (Eddie) Colon, Jr. Washington, DC 20555	CODE 3100

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  ARTEL INC ATTN: MILTON M. BROWN III CONTRACTS MANAGER 1893 PRESTON WHITE DR STE 220  RESTON VA 201911437	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. NRC-33-03-311 002
	X	10B. DATED (SEE ITEM 13) 05-22-2003
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) 610-15-5D2-328 J1100 252A 31X0200.610  
**OBLIGATE: \$87,279.00**

**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	52.243-3 CHANGES--TIME--AND--MATERIALS OR LABOR HOURS
	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:
	D. OTHER (Specify type of modification and authority) Bilateral Mutual Agreement of the Parties

**E. IMPORTANT:** Contractor  is not,  is required to sign this document and return two (2) copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 This modification: (1) Extends the period of performance of the order through 07/31/2006; (2) increases the Level of Effort by 920 labor hours, from 1,521.5 to 2,441.5 labor hours; and (3) provides funding in the amount of \$87,279.00 to allow for continued contractor support to run quarterly and ad-hoc independent internal security tests on the NRC infrastructure, identify weaknesses, and track resolution of weaknesses identified. As a result, the ceiling and obligated amounts of the Delivery Order No. 2 are increased from \$167,329.00 to \$254,608.00.  
 Reference is made to your email cost proposal in response to this modification.  
 Accordingly, the Period of Performance of this order is revised to read as follows:  
**"PERIOD OF PERFORMANCE: May 22, 2003 - July 31, 2006."**

Attachments #1-SOW and #2-PRICE SCHEDULE reflecting the above changes are hereby made a part of this order.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

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.

15A. NAME AND TITLE OF SIGNER (Type or print) Milton M. Brown III ARTEL, Inc. Contracts Manager	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert B. Webber Contracting Officer
15B. CONTRACTOR OFFICER 	15C. DATE SIGNED APR 06, 2006
18B. UNITED STATES OF AMERICA BY	18C. DATE SIGNED 3/31/06

Attachment #1 -  
Delivery Order No. 2  
Modification No. 8

## Statement of Work (SOW)

### Background:

Each of NRC's web sites and our LAN/WAN infrastructure faces an ongoing and increasing risk. A successful attack could result in defacement, or the loss or manipulation of sensitive information. Abuse can result from the vulnerability of NRC web sites resulting in loss of public trust. An effective way to determine if the NRC's web sites and the LAN/WAN infrastructure are secure is to test them for vulnerability to attacks. There are tens of thousands of potential Internet security vulnerabilities. Security gaps at NRC can result from off-the-shelf software, simple systems changes, or advances in hacker technology. The NRC also must account for an increasing threat to its network infrastructure from insider malicious activities.

### Requirements:

The contractor shall run independent external penetration tests on NRC web sites and internal situational awareness testing of the NRC LAN/WAN infrastructure at headquarters and at remote locations to discover vulnerabilities that could be exploited by an attacker to damage or deface NRC web sites and their underlying network infrastructure systems. At headquarters, the contractor shall test the two NRC web sites and the LAN/WAN infrastructure numerous random times throughout each quarterly testing cycle. In addition, the contractor shall conduct an annual internal and external penetration test. The contractor shall also conduct vulnerability testing in each of the four regions and the Technical Training Center, and two to three resident sites per region. Testing will include social engineering, vulnerability scanning of the network, and physical security.

### Deliverables:

The contractor shall document its findings from the various vulnerability tests conducted at headquarters and in the regions in the form of reports and include detailed information on each NRC security gap that is identified. In addition, the contractor shall make available to the NRC a representative to discuss the reports.

**Period of Performance:** April 1, 2006 - July 31, 2006 (Mod. No. 8)

Item No.	Deliverable Description	Deliverable Due Date
1	NRC Web Site and LAN/WAN Security Test Report	Quarterly; 10 <sup>th</sup> day of each quarter
2	LAN/WAN Security Test Report at regions, TCC, and/or resident sites	5 days after tasked by Government Project Officer, (or as directed by the Government Project Officer).
3	NRC Internal Network Security Situational Awareness Test Report	5 days after tasked by Government Project Officer, (or as directed by the Government Project Officer).
4	Monthly Progress Reports	Monthly; 10 <sup>th</sup> day of each month