

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

BPA NO.

1. CONTRACT ID CODE

PAGE

OF

1

5

2. AMENDMENT/MODIFICATION NO  
M002

3. EFFECTIVE DATE  
See Block 15C

4. REQUISITION/PURCHASE REQ NO  
OIS-11-088

5. PROJECT NO. (if applicable)

6. ISSUED BY CODE

7. ADMINISTERED BY (if other than item 6)

CODE 3100

U.S. Nuclear Regulatory Commission  
Division of Contracts  
ATTN: Michael Turner -TWB-01-B10  
Information Mgmt and Technology Branch  
Washington DC 20555

U.S. Nuclear Regulatory Commission  
Div. of Contracts  
Mail Stop: TWB-01-B10M  
Washington, DC 20555

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

(X) 9A. AMENDMENT OF SOLICITATION NO

EMERGENT, LLC

9B. DATED (SEE ITEM 11)

8133 LEESBURG PIKE STE 450

10A. MODIFICATION OF CONTRACT/ORDER NO.  
G535F0153M NRC-DR-33-08-307T005

VIENNA VA 221822622

10B. DATED (SEE ITEM 13)

CODE 781797712

FACILITY CODE

X 11-24-2009

**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#: 2011-10-51-J-144 JOB CODE#: J1298 BOC#: 252A  
APP#: 31X0200.011 FFS#: 110631  
OBLIGATION AMOUNT: \$92,920.10 NAICS#: 443120

**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:

D. OTHER (Specify type of modification and authority) Bi-lateral Modification  
X Mutual Agreement of the Parties.

**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. Provide for a withinn-scope change to incorporate requirements for a fesibility study.
2. Provide incremental funding in the amount of \$92,920.10.

See the following pages for details of modification.

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)

Paul Kohler

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Michael A. Turner  
Contracting Officer

15B. CONTRACTOR/OFFEROR

Paul D. Kohler  
(Signature of person authorized to sign)

15C. DATE SIGNED

1/11/10

18B. UNITED STATES OF AMERICA

BY Michael A. Turner  
(Signature of Contracting Officer)

18C. DATE SIGNED

1/7/2011

The purpose of this modification is to: (1) provide for a within-scope change to incorporate requirements for a feasibility study for use of the SUN Identify Management System under the subject task order. As a result of this action, the task order cost ceiling is increased by \$92,920.10 from \$490,968.72 to \$583,888.82, and (2) increase the obligation amount by \$92,920.10 from \$490,968.72 to \$583,888.82.

Accordingly, the following changes are hereby made:

1. Block 17, "**Schedule of Supplies or Services**," of the award document, "Optional Form 347" is revised to reflect the following:

Item	Qty. Ordered	Unit	Unit Price	Amount
Principal Engineer	[REDACTED]	Hours	[REDACTED]	[REDACTED]
Sr. Principal	[REDACTED]	Hours	[REDACTED]	[REDACTED]
Principal Engineer	[REDACTED]	Hours	[REDACTED]	[REDACTED]
<b>Total Estimated Amount:</b>				<b>\$583,888.82</b>

2. Revise the Statement of Work to incorporate the following task:

**3.4 Feasibility Study for SUN Identity Management (SUN IdM)**

The contractor shall provide an assessment as to the feasibility of the continued use of the SUN IdM system as it pertains to the ACS External System in use today for the National Source Tracking System (NSTS).

The following areas in the study shall be addressed:

- Determine the feasibility of the SUN IdM solution to meet NRC requirements for current and known future needs of the ACS external system;
- Develop a strategic plan on how the SUN IdM solution will meet anticipated Federal Identity and Credentialing Access Management (FICAM) requirements;
- Develop an informational list of alternative vendor products to the SUN IdM solution;
- Develop a plan to monitor and improve database performance as it pertains to the SUN IdM solution; and,
- Review existing processes and recommend needed changes to ensure that the SUN IdM product has a recovery strategy."

3. Revise the project delivery schedule to incorporate the deliverable for new task 3.4, "Feasibility Study for SUN Identity Management (SUN IdM)."

<b>Deliverable</b>	<b>Description</b>	<b>Due Date</b>
Project Management Plan	Create the initial Project Management Plan and any associated plan. Coordinate the development of associated plans and content for publication in a "master" Project Management Plan (PMP) document. The PMP may be viewed as a composite document that contains all the information necessary to manage and control the project. The information is included directly in the content of the PMP, or by reference to other schedules, specifications, or plans.	2 weeks post award
Project Schedule	Create the initial Project Schedule, with sufficient detail to scope the phases and iterations, define the major milestones and deliverables, and identify the needed resources (by category) for all phases. The Project Schedule must be sufficiently detailed to allow resource assignments for all Inception Elaboration, Construction and Transition phases.	3 weeks post award for Inception and Elaboration Phases.  12 Weeks for Construction and Transition Phases
Risk/Issues List	Risk/Issues List Template provides guidance on tracking a project's Risks and Issues.	3 weeks post award
System Requirements Specification (SRS)	This SRS fully describes the behavior of the application or subsystem identified. It also describes nonfunctional requirements, design constraints, and other factors necessary to provide a complete and comprehensive description of the requirements for the system.	6 weeks post award
<b>Milestone</b>	<b>Completion of Inception Phase</b>	7 weeks post award
Prototype Design Document	A brief design document limited to the functionality of the new enrollment and credential delivery interfaces.	9 weeks post award
Update System Architecture Document (SAD)	The SAD provides a comprehensive architectural overview of the system, using a number of different architectural views to depict different aspects of the system. It is intended to capture and convey the high level design and significant architectural decisions which have been made on the system.	11 weeks post award
<b>Milestone</b>	<b>Completion of Elaboration Phase</b>	12 weeks post award

<b>Deliverable</b>	<b>Description</b>	<b>Due Date</b>
Test Plan	<p>The purpose of the Test Plan is to:</p> <ul style="list-style-type: none"> <li>Identify system components and interfaces to be tested during the test period.</li> <li>Describe test approach, test cases, and scenarios to be employed.</li> <li>Define estimated LOE and required resources to perform testing.</li> </ul> <p>Outline milestones and timeframe for testing.</p>	13 weeks post award
Test Evaluation Summary	The Test Evaluation Summary provides the test report for a particular test that has been executed.	15 weeks post award
Test System User Acceptance Test	Provide an appropriate period for NRC project stakeholders to use and evaluate the system prior to acceptance of the test system as meeting NRC requirements.	16 weeks post award
<b>Milestone</b>	<b>Completion of Construction Phase</b>	17 weeks post award
Deployment Plan	The Deployment Plan describes the set of tasks necessary to install and test the developed product such that it can be effectively transitioned to the user community. If the system will replace an existing system, compatibility, conversion, and migration issues must be addressed. Provides deployment sequence and schedule.	18 weeks post award
System Support Material	Consists of end-user support material (user guide, online help) and operations/maintenance support (operations support guide and operating procedures).	20 weeks post award
Lessons Learned Report	Lessons learned can also be used post each iteration or phase. These lessons will ensure that improvements can be identified and implemented in the next iteration, phase, or project.	24 weeks post award
Production System User Acceptance Test	Provide an opportunity for NRC project stakeholders to test and validate the production system prior to acceptance of the system as meeting the requirements of the transition plan.	25 weeks post award
<b>Milestone</b>	<b>Completion of Transition Phase</b>	26 weeks post award
<b>Feasibility Study for SUN Identity Management (SUN IdM)</b>	<b>Provide feasibility study report including the strategic plan, the informational list and the plan to monitor and improve database performance</b>	<b>May 23, 2011</b>

A summary of obligations for this task order from award date through the date of this action is given below:

Total FY'10 Obligation Amount ----- \$490,968.72

Total FY'11 Obligation Amount ----- \$ 92,920.10

Cumulative Total of NRC Obligations: **\$583,888.82.**

This modification obligates FY'11 funds in the amount of \$92,920.10.

All other terms and conditions under the subject task remain unchanged.