

ORDER FOR SUPPLIES OR SERVICES

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

BPA NO.

1. DATE OF ORDER JUL 27 2012	2. CONTRACT NO. (if any) GS35F0153M	6. SHIP TO:
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3. ORDER NO NRC-DR-33-08-307T017	MODIFICATION NO.	4. REQUISITION/REFERENCE NO. OIS-12-046	a. NAME OF CONSIGNEE U.S. Nuclear Regulatory Commission
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5. ISSUING OFFICE (Address correspondence to) U.S. Nuclear Regulatory Commission Division of Contracts ATTN: Jerry Purcell Jr. Mail Stop: TWB-01-B10M Washington, DC 20555		b. STREET ADDRESS OIS/ICOD ATTN: Helen Hughes Mail Stop: T-5-D-14	
c. CITY Washington		d. STATE DC	e. ZIP CODE 20555

7. TO:	f. SHIP VIA
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a. NAME OF CONTRACTOR EMERGENT, LLC	8. TYPE OF ORDER
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b. COMPANY NAME	<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR _____ Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.
c. STREET ADDRESS 8219 LEESBURG PIKE STE 300	
d. CITY VIENNA	e. STATE VA
f. ZIP CODE 221822622	

9. ACCOUNTING AND APPROPRIATION DATA B&R: 2012-40-51-2-156 JC: H1207 BOC: 252A APPN: 31X0200 FAIMIS: 121953 Obligation: \$250,000.00 DUNS No. 781797712 NAICS: 443120	10. REQUISITIONING OFFICE ADM Office of Information Services
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11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB	12. F.O.B. POINT Destination
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13. PLACE OF	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) See Attached SOW	16. DISCOUNT TERMS Net 30
a. INSPECTION	b. ACCEPTANCE		

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	Task Order No. 17 under Delivery Order No. NRC-DR-33-08-307 The Contractor shall provide the U.S. Nuclear Regulatory Commission (NRC) with Managed Public Key Infrastructure supplies and support services in accordance with the following statement of work, the terms and conditions of GSA Federal Supply Schedule contract numbers GS35F0153M, GS35F006155, and GS35F4543G and applicable NRC clauses under Delivery Order No. NRC-DR-33-07-307. See attached pages for details of Task Order No. 17.					

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	\$546,333.72
21. MAIL INVOICE TO:			
a. NAME Dept. of Interior/National Business Ctr. e-mail address: NRCPayments@nbc.gov			
b. STREET ADDRESS (or P.O. Box) ATTN: Fiscal Services Branch - D2770 7301 W. Mansfield Avenue		PHONE: FAX:	
c. CITY Denver,	d. STATE CO	e. ZIP CODE 80235-2230	
SEE BILLING INSTRUCTIONS ON REVERSE			Obligation \$250,000.00

22. UNITED STATES OF AMERICA BY (Signature) 	23. NAME (Typed) Michael A. Turner, Contracting Officer TITLE: CONTRACTING/ORDERING OFFICER
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A.1 BRANDING (AUG 2011)

The Contractor is required to use the official NRC branding logo or seal on any publications, presentations, products, or materials funded under this contract, to the extent practical, in order to provide NRC recognition for its involvement in and contribution to the project. If the work performed is funded entirely with NRC funds, then the contractor must acknowledge that information in its documentation/presentation. Access the following websites for branding information and specifications:

<http://www.internal.nrc.gov/ADM/branding/> and Management Directive and Handbook 3.13 -

(internal NRC website): <http://www.internal.nrc.gov/policy/directives/toc/md3.13.htm>

(external public website): <http://pbadupws.nrc.gov/docs/ML1122/ML112280190.pdf>

A.2 COMPLIANCE WITH U.S. IMMIGRATION LAWS AND REGULATIONS (AUG 2011)

NRC contractors are responsible to ensure that their alien personnel are not in violation of United States immigration laws and regulations, including employment authorization documents and visa requirements. Each alien employee of the Contractor must be lawfully admitted for permanent residence as evidenced by Permanent Resident Form I-551 (Green Card), or must present other evidence from the U.S. Department of Homeland Security/U.S. Citizenship and Immigration Services that employment will not affect his/her immigration status. The U.S. Citizenship and Immigration Services provides information to contractors to help them understand the employment eligibility verification process for non-US citizens. This information can be found on their website, <http://www.uscis.gov/portal/site/uscis>.

The NRC reserves the right to deny or withdraw Contractor use or access to NRC facilities or its equipment/services, and/or take any number of contract administrative actions (e.g., disallow costs, terminate for cause) should the Contractor violate the Contractor's responsibility under this clause.

A.3 GREEN PURCHASING (JUN 2011)

(a) In furtherance of the sustainable acquisition goals of Executive Order 13514, "Federal Leadership in Environmental, Energy, and Economic Performance" products and services provided under this contract/order shall be energy- efficient (Energy Star or Federal Energy Management Program (FEMP) designated), water-efficient, biobased, environmentally preferable (e.g., Electronic Product Environmental Assessment Tool (EPEAT) certified), non-ozone depleting, contain recycled content, or are non-toxic or less toxic alternatives, where such products and services meet agency performance requirements. <http://www.fedcenter.gov/programs/eo13514/>

(b) The contractor shall flow down this clause into all subcontracts and other agreements that relate to performance of this contract/order.

A.4 USE OF AUTOMATED CLEARING HOUSE (ACH) ELECTRONIC PAYMENT/REMITTANCE ADDRESS (AUG 2011)

The Debt Collection Improvement Act of 1996 requires that all Federal payments except IRS tax refunds be made by Electronic Funds Transfer. It is the policy of the Nuclear Regulatory Commission to pay government vendors by the Automated Clearing House (ACH) electronic funds transfer payment system. Item 15C of the Standard Form 33 may be disregarded.

In accordance with the Section B.3.20, Task Order Procedures, of the subject delivery order, this letter hereby definitizes Task Order No. 17. This effort shall be performed in accordance with the enclosed Statement of Work. Task Order No. 17 shall be in effect from July 13, 2012, through June 22, 2013. The cost ceiling for Task Order No.17 is **\$546,333.72**.

Task Order No. 17 obligates funds in the amount of **\$250,000.00**. The obligated amount shall, at no time, exceed the task order cost ceiling. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, contractor is not obligated to continue performance under this task order or otherwise incur costs in excess of the amount obligated, until the Contracting Officer notifies the contractor in writing that the obligated amount has been increased. In absence of such notification by the Contracting Officer, the Government is not obligated to reimburse the contractor for any costs in excess of the obligated amount specified herein. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's risk.

Accounting data for Task Order No. 17 is shown under Block 7, "Accounting and Appropriation Data," of the award document, "Optional Form 347."

The following individual is considered to be essential to the successful performance of the work hereunder:

- Avneesh Arya
- Ed Lorek

The Contractor agrees that such personnel shall not be removed from the effort under the task order without compliance with the Key Personnel Clause (2052.215-70).

Your contacts during the course of this task are:

Technical Matters:

- Helen Hughes, Contracting Officer Representative - (301) 415-8708
- David Sulser, Contracting Officer Representative - (301) 415-5063
- James Peyton, Contracting Officer Representative - (301) 415-7819

Contractual Matters:

- Michael Turner, Contracting Officer (301) 492-3632

The issuance of this task order does not amend any terms or conditions of the basic award.

SCHEDULE OF SUPPLIES OR SERVICES

CLIN	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	Contractor performance of statement of work requirements. Authorized labor categories and associated fixed hourly rates for the labor hour services include: <ul style="list-style-type: none">- Principle Engineer- Sr. Principle Engineer		Lot		
TOTAL CEILING AMOUNT					\$546,333.72

Please indicate your acceptance of this task order by having an official who is authorized to bind your organization, sign in the spaces provides below.

ACCEPTED:



NAME

EUP

TITLE

7-23-12

DATE

STATEMENT OF WORK
U.S. Nuclear Regulatory Commission (NRC)
Office of Information Services (OIS)
DELIVERY ORDER NRC-DR-33-08-307
TASK ORDER No. 17

“PIV Augmentation”

A. Background:

Office of Information Services (OIS), Infrastructure & Computer Operations Division (ICOD) requires professional services in support of OIS and Office of Administration (ADM) requirements to augment the Internal Staff Personal Identity Verification (PIV) system for issuing, managing, and maintaining agency PIV cards, Managed Public Key Infrastructure (MPKI) digital certificates, and certificate validation services.

The Identity, Credential and Access Management (ICAM) Subcommittee, established by the Information Security and Identity Management Committee (ISIMC), states its mission as: “Fostering effective government-wide identity and access management, enabling trust in online transactions through common identity and access management policies and approaches, aligning federal agencies around common identity and access management practices, reducing the identity and access management burden for individual agencies by fostering common interoperable approaches, ensuring alignment across all identity and access management activities that cross individual agency boundaries, and collaborating with external identity management activities through inter-federation to enhance interoperability.”

In order to meet the needs defined by ICAM, the Nuclear Regulatory Commission (NRC) must define, assess and implement necessary processes and technologies to comply with the architectural requirements. The Federal ICAM segment architecture provides Federal agencies with a consistent approach for managing the vetting and credentialing of individuals requiring access to Federal information systems and facilities. The ICAM segment architecture will serve as an important tool for providing awareness to external mission partners and drive the development and implementation of interoperable solutions.

ICAM efforts within the Federal Government are a key enabler for addressing the nation's cyber security need. The ICAM segment architecture establishes the foundation for trust and interoperability in conducting electronic transactions both within the Federal Government and with external organizations. It allows government entities to provision the capabilities needed to identify, authenticate, and authorize individuals in order to provide appropriate access to resources in a standardized and interoperable manner. This will enable Federal agencies to offer a broad array of electronic services in a safe, reliable and sustainable manner to a variety of constituencies.

The NRC activities required to support this effort are to be performed under the MPKI contract, specifically the MPKI Support Services function. This task order identifies requirements for augmenting the PIV system as described herein.

B. Objective:

The scope of this task order is limited to work to be performed in support of on-going activities related to MPKI, and additional task orders put forth under the basic MPKI contract. This work will include project management, configuration management, business modeling, requirements gathering, analysis and architecture design, environments, security, construction, documentation, testing, implementation and the support needed for a successful hand off to the NRC operational team.

This task order defines the level of effort to be expended, as appropriate, on tasks required to augment the PIV system for issuing, managing, and maintaining NRC agency PIV cards, MPKI digital certificates, and certification services.

C. Scope:

The work to be performed shall include the following projects:

C.1 MPKI Version Upgrade

Upgrade the current version of MPKI local hosting and Registration Authority from 6.1.3 to the latest version supported by Intercede MyID9 SP1.

C.2 Microsoft Windows Server 2003 Upgrade to Windows Server 2008

The Windows Server platform must be upgraded to conform to NRC production environment guidelines. However, the current version of MPKI does not support Windows Server 2008. Therefore, the "MPKI version upgrade" is a dependency for this upgrade.

C.3 Establish OPM Connector Functionality

Data connection capabilities with the Office of Personnel Management (OPM) are included with the deployment of Intercede MyID9, but the associated data has not been entered into the NRC PIV repository and a direct connection with OPM has not been established. The OPM connector must be made fully functional.

C.4 PACS Upgrade Integration

Perform integration and update the Physical Access Control System (PACS) Connector functionality on the PIV system in support of the ADM upgrade of the interconnected PACS system..

C.5 PIV System Customization

Provide additional role-based functionality to the Intercede MyID9 Card Management System (CMS) as required to support ADM PIV operational procedures.

C.6 Establish F/ERO functionality

Provide recommendations for technical functionality and policy guidelines for the Federal/Emergency Response Official (F/ERO) Repository as it relates to NRC PIV card usage. Provide a methodology to establish connectivity to the F/ERO repository.

C.7 Visitor Enrollment Kiosk

Provide recommendations for technical functionality and policy guidelines for NRC facility visitor PIV card self-registration using a lobby kiosk or similar concept. Develop an approach for proof of concept for integration with the CMS.

C.8 PSATS and WTTS/EODS Integration with CMS

The Personnel Security Adjudicatory Tracking System (PSATS) and the Workforce Transformation and Tracking System/Entrance on Duty System (WTTS/EODS) both contain data that could improve the service of the CMS. The contractor shall work with ADM and Office of the Chief Human Capital Officer (OCHCO) for recommendations for technical functionality and policy guidelines to incorporate both the data and processes related to these systems into the operation of the CMS.

C.9 Support for Name Suffixes

The current NRC PIV system lacks adequate support for name suffixes such as Jr., Sr., and III. The contractor shall configure the existing MyID 9 SP1 system capabilities to incorporate the use of name suffixes for PIV card holders.

C.10 Permanent Solution for UPN Entry

The Windows User Principal Name (UPN) must be correctly entered in the PIV system to enable PIV card login to Windows and for self-service enrollment for digital certificates used for remote access. Current PIV enrollment processes do not mandate the entry of the UPN prior to PIV card issuance. Identify existing users without the UPN on the certificates of their PIV cards and take corrective action. The contractor will develop new processes to ensure that the UPN is placed on the PIV card at original issuance.

C.11 Plan for Expiring Certificates and PIV Cards

The contractor will recommend the best mechanisms for addressing the pending expiration of certificates on a 3 year life cycle, and PIV cards on a 5 year life cycle, to provide the best possible renewal experience for the PIV card holder.

D. Deliverables

The Contractor shall deliver the following at a minimum:

1. Project management plan for the MPKI upgrade, customization, design, install, testing, and implementation. This is to include methodology, time line and duration for the upgrade, customization, design, install, testing, and implementation as well as the resources required.

2. Project plan/schedule identifying all critical milestones inclusive of user and system administration training, equipment testing, and system configuration testing
3. Requirements documentation to capture system requirements and specifications
4. Test plan: includes System Test and User Acceptance plan to test individual pieces of the equipment and verify the deployed system meets operational, feature, functionality, interoperability, and security requirements specified in the contract and detailed system design
 - a. Develop Test Cases
 - b. Develop Test Results
 - c. Periodic Design reviews
 - d. User acceptance test results
 - e. After action reports
5. Recommendations document to include list of recommendations and lesson learned for managing and maintaining the PIV system
6. Configuration Management Plan: to illustrate and define a standard format for the Configuration Management (CM) Plan. The CM Plan describes the plan for assuring that the project has adequate control (settings) over all items necessary for creating or supporting the PIV system
7. Implementation Plan: to include deployment steps, implementation schedule and communication plan (contacts info)

E. Schedule for Deliverables

The contractor shall work with the Contracting Officer's Representative (COR) to identify the schedule for executing each subtask. The deliverable schedule will be identified and agreed upon prior to initiating work.

Associated Tasks	Deliverable
C.1 MPKI Version Upgrade	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Project Management Plan 2. Requirements documentation 3. Test Plan <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>

Associated Tasks	Deliverable
<p>C.2 Microsoft Windows Server 2003 Upgrade to Windows Server 2008</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Project Management Plan 2. Requirements documentation 3. Test Plan <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>
<p>C.3 Establish OPM Connector Functionality</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Project Management Plan 2. Requirements documentation 3. Test Plan <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>
<p>C.4 PACS Upgrade</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Attend meetings and provide guidance to ADM and OCHCO as necessary
<p>C.5 PIV System Customization</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Requirements documentation 2. Test Plan <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>

Associated Tasks	Deliverable
<p>C.6 Establish F/ERO functionality</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Recommendations document <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>
<p>C.7 Visitor Enrollment Kiosk</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Recommendations document <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>
<p>C.8 PSATS and WTTS/EODS Integration with CMS</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Attend meetings and provide guidance to ADM and OCHCO as necessary
<p>C.9 Support for Name Suffixes</p>	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Configuration Management Plan <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>

Associated Tasks	Deliverable
C.10 Permanent Solution for UPN Entry	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Requirements documentation 2. Test Plan 3. Implementation Plan <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>
C.11 Plan for Expiring Certificates and PIV Cards	<p>At a minimum, the following deliverables are required:</p> <ol style="list-style-type: none"> 1. Recommendation plan <p>The Contractor shall provide 10 working days after being requested by the COR</p> <p>The COR will review the draft and provide comments to Contractor within five working days from receipt</p> <p>The Contractor shall deliver the final within 10 working days from receipt of the COR comments</p>

F. Instructions for Deliverables

All documentation deliverables shall first be submitted in draft to the COR for his/her review. The COR shall have no more than 10 business days to review each draft deliverable and respond with comments or approval.

If revisions are required, the contractor will have no more than 5 business days to complete the revisions and submit the revised draft deliverable to the COR. For each deliverable (draft or final), the contractor shall provide one (1) hardcopy and one (1) electronic version of the deliverable to the COR, unless otherwise indicated by the COR. All written deliverables shall be phrased in language that can be understood by the non-technical layperson. Statistical and other technical terms used in the deliverable shall be defined in a glossary.

All documentation deliverables developed under this task order must be formatted in Microsoft Word (version 2003 or later version). All deliverables and supporting documentation gathered or developed under this task order may not be stored on any device or piece of equipment that has not been approved in writing in advance by the NRC COR.

G. Place of Performance

The implementation of work related to this SOW will be performed at the NRC's Headquarters office located in Rockville, MD.

H. Detailed Billing Requirements

The Contractor shall provide a monthly detailed billing report in accordance with the provisions of Section B.3.11 of the Delivery Order Statement of Work. As explained in Section B.3.11, the detailed billing report must provide the hours billed, and any other appropriate charges, broken down by each "task" defined in this statement of work. The Report shall be submitted in electronic form to the Contracting Officer and COR.

I. Contracting Officer Representative(s)

The Contracting Officer's Representatives for this task order are:

Helen M. Hughes, (301) 415-8708
David Sulser, (301)-415-5063
James Peyton, (301) 415-7819

J. Period of Performance

The period of performance for this task order is July 13, 2012 through June 22, 2013.

K. Meetings and Travel

For estimating purposes, the Government anticipates 1-2 meetings weekly at NRC headquarters offices in Rockville, Maryland.
