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DELIVERY ORDER DR-33-06-317 TASK ORDER 33

General Support System (GSS) / MODERATE SYSTEM Certification & Accreditation (C&A) CENTER FOR NUCLEAR WASTE AND REGULATORY ANALYSES (CNWRA)

1.0 **OBJECTIVE**

The Contractor shall support the Office of Information Services (OIS) and the Office of Nuclear Material Safety and Safeguards (NMSS) of the Nuclear Regulatory Commission (NRC) in Certification and Accreditation (C&A) of the General Support System (GSS) identified as the Center for Nuclear Waste and Regulatory Analyses (CNWRA). The contractor will provide this support such that the NRC is in compliance with and maintains certification and accreditation currency for CNWRA with regard to National Institute of Standards and Technology (NIST) and Federal Information Security Management Act (FISMA) Guidance. The Contractor shall at a minimum develop associated C&A documentation consistent with the security support task referenced in Statement of Work (SOW) ENCLOSURE 6 of Delivery Order DR-33-06-317, entitled, "C&A PROCESS AND DELIVERABLES" such that an Authorization to Operate (ATO) which confers full accreditation shall be granted to the CNWRA. The Contractor shall perform these security support tasks specified for a MODERATE security baseline system.

The Contractor shall develop, at a minimum, the following information system security certification documentation: a Security Risk Assessment (RA), a Systems Security Plan (SSP), a Security Test and Evaluation (ST&E) plan and associated report, a Contingency Test Plan and report, and a Plan of Action and Milestones (POA&M) to correct any identified deficiencies.

Two required C&A documents, the Security Categorization and the E-Authentication Risk Assessment, have already been completed for the CNWRA.

2.0 SCOPE OF WORK

The Contractor shall provide security analyst staff and the development of all required systems certification and accreditation documentation associated with the security support tasks identified below for an unclassified MODERATE security baseline system for the system category "GSS", and as specified in SOW ENCLOSURE 6 of Delivery Order DR-33-06-317 - C&A PROCESS AND DELIVERABLES such that the CNWRA obtains an Authorization to Operate (ATO).

The term "General Support System" (GSS) means an interconnected set of information resources under the same direct management control that shares common functionality. It normally includes hardware, software, information, data, applications, communications, and people (see Appendix III to OMB Circular No. A-130, "Security of Federal Automated Information Resources"). The mission objective of a GSS is to provide Automated Information System (AIS) resources in support of the organizational mission. Typical GSSs are LANs, WANs, Desktops, and data processing centers.

System Name: Center for Nuclear Waste and Regulatory Analyses (CNWRA)

Sponsor Office: Office of Nuclear Material Safety and Safeguards (NMSS)

System Owner: Michael F. Weber, Director, NMSS

System Description: The Center for Nuclear Waste Regulatory Analyses (CNWRA) is a department in the Geosciences and Engineering Division of the Southwest Research Institute in San Antonio, Texas, CNWRA provides a significant, single resource for earth sciences and engineering services to government regulatory agencies, multinational corporations, and small service companies. A multidisciplinary, integrated approach is used to solve a wide range of problems. The Center offers comprehensive services in technology areas such

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as Scientific and Engineering Computation, Regulatory Analyses, and Sensitive but Unclassified (SBU) Application Development. The CNWRA General Support System (GSS) consists of those computational components that makeup the CNWRA Local Area Network (LAN) / Wide Area Network (WAN) including servers and the desktops/workstations.

Status: Operational

3.0 PERIOD OF PEFORMANCE

The period of performance of this task order is date of award through January 28, 2008.

4.0 FUNDING

- (a) The total estimated amount (ceiling) for the products/services ordered, delivered, and accepted under this task order is \$145,226.01 (includes \$3,193.00 for NTE travel).
- (b) The amount presently obligated with respect to this task order is \$145,226.01. The Contractor shall not be obligated to incur costs above this ceiling/obligated amount unless and until the Contracting Officer shall increase the amount obligated. When and if the amount(s) paid and payable to the Contractor hereunder shall equal the obligated amount, the Contractor shall not be obligated to continue performance of the work unless and until the Contracting Officer shall increase the amount obligated with respect to this contract. Any work undertaken by the Contractor in excess of the obligated amount specified above is done so at the Contractor's sole risk.

5.0 TRAVEL

Travel to San Antonio, Texas will be required. A not-to-exceed (NTE) line item of \$3,193.00 has been included for travel required for this effort. All travel will be reimbursed in accordance with DR-33-06-317, Section 4.3, Travel Requirements.

6.0 SCHEDULE

The Contractor shall provide final security documentation and reports for the system consistent with the NRC-approved integrated security activity project plan (Subtask 1).

7.0 SPECIFIC TASKS

The Contractor shall support the NRC for C&A of CNWRA according to Delivery Order DR-33-06-317, Section B Schedule of Supplies or Services and Prices, sub-section B.1, BASE PERIOD (July 31, 2006 through July 30, 2007), item 26, Full C&A Package, GSS / Moderate (1 system) and SOW ENCLOSURE 6.

Certification Requirements	GSS
E-Authentication Risk Assessment (Completed separately)	X
Security Categorization (Completed separately)	х
Security Risk Assessment	х
System Security Plan (*)	Х

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Certification Requirements	GSS
Security Test and Evaluation Plan (Test Procedures) (*)	X
Contingency Test Plan (Business Continuity Test Procedures) (*)	Х
Security Test and Evaluation Report (*)	X
Contingency Test Report (*)	Х
Plan of Action and Milestones (Corrective Action Plan) (*)	X
Annual Analysis of Systems Documentation, Security Controls, Requirements, and Implementation Status Report	Х

^{* (}Rational Suite Enterprise Deliverable)

Subtask 1: Integrated Security Activity Project Plan

Develop and implement a project plan to ensure completion of the Certification and Accreditation tasks within the period of performance. The Contractor shall be required to develop and maintain an Integrated Security Activity Project Plan and perform Integrated Activity Scheduling for the program. These deliverables shall be developed at the individual project level (i.e., each system for which a Certification and Accreditation effort will be undertaken) and aggregate to the program level. The Microsoft Project Plan shall incorporate all tasks and projects such that the individual projects roll up into an Integrated Security project schedule encompassing all NRC security related activities, services, and deliverables. The Microsoft Project Plan shall identify resources for each activity and include the Work Breakdown Structure levels. The project plan will include:

- A Level 5 Work Breakdown Structure (WBS). The WBS shall include a definition of the work to be conducted decomposed into distinct discrete manageable tasks or groups of tasks (work packages) with decisive outputs and specific measurable entry and exit criteria. Each work package shall have a short duration, or can be divided into a series of milestones whose status can be objectively measured. Each work package shall be assigned a start and finish date, a budget value, and can be integrated with higher-level schedules.
- A schedule and budget for accomplishing the work identifying what resources are needed and how
 much effort will be required in what time frame to complete each of the tasks in the WBS. The
 Contractor shall allocate a portion of the budget for each work package that comprises the WBS, and
 ensure that the WBS adequately defines all work necessary to meet the requirements for the project.

Subtask 2: Risk Assessment

The Risk Assessment shall be developed as described and presented in section 1.2.2 "Risk Assessment" of Delivery Order DR-33-06-317, SOW Enclosure 6.

Subtask 3: Systems Security Plan (SSP)

The System Security Plan shall be developed as described and presented in the items of section 1.2.3 "Systems Security Plan (SSP)" of Delivery Order DR-33-06-317, SOW Enclosure 6. The NRC Senior Information Technology Security Officer (SITSO) must approve the final SSP to enable system accreditation.

Subtask 4: Systems Security Controls and Security Requirements Test Plan Development Support

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The Systems Security Controls and Security Requirements Test Plan shall be developed as described and presented in the items of section 1.2.5 "Systems Security Controls and Security Requirements Test Plan Development Support" of Delivery Order DR-33-06-317, SOW Enclosure 6.

Subtask 5: Review, Verification, and Validation of Security Controls and Requirements Test Plan and Test Plan Execution

The Contractor shall independently review, verify, and validate all systems security test plans and procedures as described and presented in section 1.2.6 "Review, Verification, and Validation of Security Controls and Requirements Test Plan and Test Plan Execution" of Delivery Order DR-33-06-317, SOW Enclosure 6. The NRC SITSO must approve the final to enable system accreditation.

Subtask 6: Contingency Plan

The Contingency Plan shall be developed as described and presented in section 1.2.7 "Contingency Plan" of Delivery Order DR-33-06-317, SOW Enclosure 6. The Contingency Plan must be approved by the SITSO no later than 6 months following system accreditation.

Subtask 7: Contingency Planning Test and Report

The Contingency Plan Test and Report shall be completed as described and presented in section 1.2.8 "Contingency Plan Test and Report" of Delivery Order DR-33-06-317, SOW Enclosure 6. The Contingency Plan Test and Report must be approved by the SITSO.